58 GREENPOINT AVENUE

BROOKLYN, NEW YORK 11222

Remedial Investigation Report

NYC VCP Site Number: TBD
CEQR Number: 04DCP003K
OER Site Number: 17EHAZ026K

Prepared for:

Draftex Architectural Drafting & As Built Services
777 Kent Avenue (Suite 229)
Brooklyn, New York 11205

Prepared by:

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961

AUGUST 2016

REMEDIAL INVESTIGATION REPORT
TABLE OF CONTENTS

REMEDIAL INVESTIGATION REPORT
TABLE OF CONTENTS

TABLES

FIGURES

ATTACHMENTS

LIST OF ACRONYMS

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

CERTIFICATION

I, Robert M. Bennett, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Redevelopment Project located at 58 Greenpoint Avenue, Brooklyn, NY 11222 (OER Project Number 17EHAZ026K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Robert M. Bennett	08/19/2016	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 58 Greenpoint Avenue in the Greenpoint neighborhood of Brooklyn, New York, and is currently identified as Block 2562, Lot No. 10 on the New York City Tax Map. A Site location map is provided in the attached **Figure 1**. The lot has approximately 37.5 feet of street frontage along Greenpoint Avenue and extends approximately 105 feet back from the street for a total of 3,944 square feet (sf). The Site is located on the south side of Meeker Avenue and is bordered by a vacant property to the west which is currently being redeveloped (80 West Street), a two-story commercial building occupied by Paulie Gee's Pizzeria to the east (60 Greenpoint Avenue) and a one-story manufacturing building to the south (57/59 Milton Street). A map of the Site showing the property boundaries is provided in **Figure 2**.

The Site is currently developed with a vacant two-story building with full cellar level which was formerly occupied by an auto repair. The onsite building occupies a 2,860 sf footprint on the east side of the Site. The onsite building has brick and mortar exterior walls and a flat asphaltic rooftop. A paved side yard is present on the west side of the Site and was formerly used as a loading dock area.

Summary of Proposed Renovation Plan

The proposed renovation project entails adding three partial floors with an 2,035 sf area each to the existing two-story building. The renovated cellar level will consist of open storage space, a sprinkler room, garbage room, laundry room and utility rooms. The renovated first floor will consist of recreational space, a lobby and a common living room on the northern side of the building and commercial space on the southern side of the first floor. The second floor will consist of two residential apartments. The proposed new third-fifth floors will be 2,035 sf in area and will consist of three residential apartment spaces. The proposed new building will have a

base height (fifth floor) of 58.5 feet above grade and a total building height (top of bulkhead level) of 67.5 feet above grade. The renovation project will not include any excavation or expansion of the existing buildings footprint.

Layout of the renovation plan is presented in **Figure 3**. The current zoning designation is manufacturing (M1-2) and residential (R6A) with no commercial overlay. The proposed use of the new building is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

According to the review of historic documents made available by the New York City Department of Buildings (DOB) online property profile overview including Certificates of Occupancy (COO) forms, it is known that the Site has been developed since at least 1938. A COO from 1938 indicates the presence of a two-story factory building with no cellar level. The 1938 COO indicates that the building was constructed in 1937 and made with a brick exterior. COOs from 1946 and 1967 indicate the presence of the current existing two-story building with full cellar level. The 1946 and 1967 COOs indicate that the building was constructed of brick and mortar in 1945 and was used as a junk shop. Additionally, the Greenpoint-Williamsburg Rezoning Environmental Impact Statement (EIS), Chapter 11 for Hazardous Materials indicates that the property was historically occupied by an auto repair or filling station.

EBC reviewed New York State Department of Environmental Conservations' (NYSDEC) online spill database and did not identify any spill cases associated with the Site. EBC also reviewed NYSDEC's petroleum bulk storage (PBS) database which did not indicate the current or historic presence of any tanks at the Site. However, the adjacent property to the west (50 Greenpoint Ave/80 West Street) had five 550-gallon USTs present until they were closed and removed in 2015. NYSDEC Spill Case No. 15-02141 was assigned to the this adjacent property during the time of tank removal in May 2015. This spill was caused by equipment failure which resulted in the release of approximately 5-gallons of gasoline to soil. This release and the historic presence of several USTs at the western adjacent property may have resulted in onsite impacts.

As the result of the Greenpoint-Williamsburg Rezoning Action, the Site was assigned an E-Designation for Hazardous Materials (E-138) under CEQR No. 04DCP003K. There are no additional known environmental restrictions associated with the Site.

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work at the Site from July through August of 2016:

1. Conducted a site inspection on July 11, 2016 to identify areas of concern (AOCs) and physical obstructions (i.e. structures, accessible areas to perform Phase II, etc.);
2. Installed two (2) soil borings (SB1-SB2) on August 10, 2016 in the side yard/loading dock area on the west side of the Site, and collected four soil samples for chemical analysis;
3. Installed two (2) groundwater monitoring wells (MW1-MW2) on August 10, 2016 in the side yard/loading dock area on the west side of the Site and collected two groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed four (4) sub-slab soil vapor implants (SS1-SS4) on July 13, 2016 and collected four sub-slab soil gas samples for chemical analysis. Also collected one indoor air (IA1) and one outdoor air sample (OA1) during the same time.

Summary of Environmental Findings

1. The elevation of the Site is approximately 14 feet above mean sea level (amsl);
2. Depth to groundwater is estimated to be approximately 8-10 feet below grade surface (bgs);
3. Only two monitoring wells were installed at the Site and groundwater depth measurements couldn't be triangulated; however, based upon the surrounding topography, the close proximity to the East River and field measurements it is assumed that groundwater flows in a general westerly direction;
4. Bedrock was not encountered during the installation of soil borings to 15 feet below grade surface;
5. The stratigraphy of the Site consists of sandy fill material with brick and asphalt fragments in the top foot, brown sand from 2-9 feet and gray-stained sand with suspect odor and elevated PID readings from 9-14 feet below grade;

6. Soil/fill samples results were compared to New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (UUSCO) and Restricted Residential Use Soil Cleanup Objectives (RRSCO) as presented in 6NYCRR Part 375-6.8. Soil/fill collected during the RI showed trace to low levels of petroleum related VOCs. The highest levels of VOCs were detected at soil sample SB1(12-14') where 1,2,4-trimethylbenzene was detected above its UUSCO at a concentration of 28,000 µg/kg and ethylbenzene was detected above its UUSCO at a concentration of 1,300 µg/kg . Trace to low levels of SVOCs were detected across the Site. The only sample with SVOC concentrations above SCOs was SB1(0-2'). These exceedances included benz(a)anthracene (1,900 µg/kg), benzo(a)pyrene (1,700 µg/kg), benzo(b)fluoranthene (1,500 µg/kg), benzo(k)fluoranthene (1,500 µg/kg), chrysene (2,100 µg/kg), and indeno(1,2,3-cd)pyrene (1,000 µg/kg) above their respective UUSCO and RRSCO. No detectable concentrations of pesticides and PCBs were present in any of the soil samples collected. A few metals were detected above SCOs in shallow soil at the Site including lead (max. 201 mg/kg), copper (max. 124 mg/kg), mercury (max. 1.46 mg/kg) and zinc (max. 907 mg/kg) were detected exceeding Unrestricted Use SCOs and Restricted Residential SCO. Overall, the soil results were consistent with data identified at sites with minimal urban fill material and native soil in NYC.
7. Groundwater sample results from EBC's July-August 2016 remedial investigation (RI) were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Trace to low levels of petroleum-related VOCs were detected in groundwater with the highest concentrations at MW1 which was installed at the northwest corner of the Site. VOCs detected above GQS included 1,2,4-trimethylbenzene (max. 44 ug/L), ethylbenzene (max. 6.6 ug/L), naphthalene (max. 48 ug/L), n-propylbenzene (max. 6.1 ug/L) and sec-butylbenzene (max. 6 ug/L). Trace to low levels of SVOCs were detected. Three SVOCs including 2-methylphenol (max. 33 ug/L), nitrobenzene (3.8 ug/L), and benzo(k)fluoranthene (max. 22 ug/L) were detected above their respective GQS. No detectable concentrations of pesticides and PCBs were present in the groundwater samples. Several target analyte metals were detected above GQS in groundwater including aluminum (max. 50.7 mg/L), arsenic (max. 0.026 mg/L), chromium (max. 0.153 mg/L), iron (max. 103 mg/L), lead (max. 0.052 mg/L),

magnesium (max. 40.4 mg/L), manganese (max. 7.17 mg/L) and sodium (max. 59.6 mg/L). A couple dissolved metals were also detected above GQS including manganese (max. 6.4 mg/L) and sodium (max. 60.8 mg/L) exceeding their respective GQS.

8. Sub-slab soil vapor samples and indoor and outdoor air samples collected during the RI were compared to the compounds listed in Table 3.1 of the Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Sub-slab soil vapor samples collected during the RI showed elevated levels of petroleum-related VOCs (PVOCs), specifically in SS3 and SS4 on the southern half of the Site. Elevated levels of chlorinated VOCs (CVOCs) were also detected in sub-slab soil vapor samples, specifically in SS3 and SS4 on the southern half of the Site. High levels of PVOCs were also detected in the indoor air sample (IA1). The concentration of total BTEX compounds ranged from 112.08 µg/m^3 in SS2 to 232.10 µg/m^3 in SS3 for the sub-slab samples. Total BTEX was detected at a concentration of 479.70 ug/ m^3 in the indoor air sample (IA1) and 6.21 ug/ m^3 in the outdoor ambient air sample (OA1). Total CVOC concentrations ranged from 44.41 ug/ m^3 in SS2 to 3,646.94 ug/ m^3 in SS4 in the sub-slab samples. Total CVOCs were detected at a concentration of 176 ug/m^3 in the indoor air sample (IA1) and at 7.14 ug/m^3 in the outdoor ambient air sample (OA1). The CVOC tetrachloroethene (PCE) was detected at a maximum of 1,630 µg/m^3 in SS4, 1,1,1-trichloroethane (TCA) detected at a maximum of 1.41 µg/m^3 in SS4, carbon tetrachloride detected at a maximum of 3.24 µg/m^3 in SS1 and trichloroethylene (TCE) detected at a maximum of 1,960 µg/m^3in sample SS4. Overall, the highest concentrations of PVOCs and CVOCs in sub-slab soil vapor were detected on the southern portion of the property. Concentrations of PCE and TCE were within the mitigation level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Draftex Architectural Drafting & As Built Services (a.k.a. Draftex) is working with the NYC Mayors Office of Environmental Remediation (OER) to investigate and remediate the 3,944-square foot property located at 58 Greenpoint Avenue in the Greenpoint neighborhood of Brooklyn, New York. There are proposed plans to renovate the existing building by adding three floors to the two-story building. The renovated building will be improved primarily with residential apartment and living space except for a small commercial space on the south side of the first floor. The RI was conducted at the Site on July 13, 2016 and August 10, 2016. This RIR summarizes the nature and extent of contamination at the Site and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 58 Greenpoint Avenue in the Greenpoint neighborhood of Brooklyn, New York, and is currently identified as Block 2562, Lot No. 10 on the New York City Tax Map. A Site location map is provided in the attached **Figure 1**. The lot has approximately 37.5 feet of street frontage along Greenpoint Avenue and extends approximately 105 feet back from the street for a total of 3,944 square feet (sf). The Site is located on the south side of Meeker Avenue and is bordered by a vacant property to the west which is currently being redeveloped (80 West Street), a two-story commercial building occupied by Paulie Gee's Pizzeria to the east (60 Greenpoint Avenue) and a one-story manufacturing building to the south (57/59 Milton Street). A map of the Site showing the property boundaries is provided in **Figure 2**.

The Site is currently developed with a vacant two-story building with full cellar level which was formerly occupied by an auto repair. The onsite building occupies a 2,860 sf footprint on the east side of the Site. The onsite building has brick and mortar exterior walls and a flat asphaltic rooftop. A paved side yard is present on the west side of the Site and was formerly used as a loading dock area.

1.2 Proposed Redevelopment Plan

The proposed renovation project entails adding three partial floors with an approximate 2,035 sf area each to the existing two-story building. The renovated cellar level will consist of open storage space, a sprinkler room, garbage room, laundry room and utility rooms. The renovated first floor will consist of recreational space, a lobby and a common living room on the northern side of the building and commercial space on the southern side of the first floor. The second floor will consist of two residential apartments. The proposed new third-fifth floors will be 2,035 sf in area and will consist of three residential apartment spaces. The proposed new building will have a base height (fifth floor) of 58.5 feet above grade and a total building height (top of bulkhead level) of 67.5 feet above grade. The renovation project will not include any excavation or expansion of the existing buildings footprint.

Layout of the renovation plan is presented in **Figure 3**. The current zoning designation is manufacturing (M1-2) and residential (R6A) with no commercial overlay. The proposed use of the new building is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area immediately surrounding the Site consists primarily of industrial, commercial and mixed-residential use buildings. The property adjacent to the west of the Site is currently being redeveloped with a new building, the property to the east of the Site is developed with a two-story pizzeria/restaurant building and a one-story manufacturing use building is adjacent to the south. **Figure 4** shows the surrounding land usage. Additionally, the adjacent properties are described in the table below.

Surrounding Property Usage

Direction	Property Description
North – *Across Greenpoint Ave*	Greenpoint Avenue followed by Block 2557, Lot Nos. 1 and 24 (37-61 Greenpoint Avenue): four to five-story mixed use buildings with commercial space and residential apartments.
South – *Adjacent property*	Block 2562, Lot No. 37 (57/59 Milton Street): one-story manufacturing use building.

East – *Adjacent property*	Block 2562, Lot No. 12 (60 Greenpoint Avenue) a two-story commercial building occupied by Paulie Gee's Pizzeria.
West – *Adjacent property*	Block 2562, Lot No. 1 (80 West Street): This property is currently in the early stages of redevelopment.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

According to the review of historic documents made available by the New York City Department of Buildings (DOB) online property profile overview including Certificates of Occupancy (COO) forms, it is known that the Site has been developed since at least 1938. A COO from 1938 indicates the presence of a two-story factory building with no cellar level. The 1938 COO indicates that the building was constructed in 1937 and made with a brick exterior. COOs from 1946 and 1967 indicate the presence of the current existing two-story building with full cellar level. The 1946 and 1967 COOs indicate that the building was constructed of brick and mortar in 1945 and was used as a junk shop. Additionally, the Greenpoint-Williamsburg Rezoning Environmental Impact Statement (EIS), Chapter 11 for Hazardous Materials indicates that the property was historically occupied by an auto repair or filling station.

Due to the age of the onsite building (circa 1945) the potential presence of asbestos-containing materials (ACMs), lead-based paint (LBP) and polychlorinated biphenyls (PCBs) is considered a concern. It is recommended that a ACM and LBP survey is conducted prior to renovating the onsite building.

EBC reviewed New York State Department of Environmental Conservations' (NYSDEC) online spill database and did not identify any spill cases associated with the Site. EBC also reviewed NYSDEC's petroleum bulk storage (PBS) database which did not indicate the current or historic presence of any tanks at the Site. However, the adjacent property to the west (50 Greenpoint Ave/80 West Street) had five 550-gallon USTs present until they were closed and removed in 2015. NYSDEC Spill Case No. 15-02141 was assigned to the this adjacent property during the time of tank removal in May 2015. This spill was caused by equipment failure which resulted in the release of approximately 5-gallons of gasoline to soil. This release and the historic presence of several USTs at the western adjacent property may have resulted in onsite impacts.

As the result of the Greenpoint-Williamsburg Rezoning Action, the Site was assigned an E-Designation for Hazardous Materials (E-138) under CEQR No. 04DCP003K. There are no additional known environmental restrictions associated with the Site.

2.2 Previous Investigations

EBC did not conduct a Phase I for this Site; however, the Site's history was evaluated using available online records prior to conducting the remedial investigation in order to determine areas of concern (AOCs). The historic use of the Site as an auto repair was identified as a concern. Additionally, due to the age of the onsite building (circa 1945) the potential presence of ACMs, LBP and PCB-containing installations is considered a concern.

2.3 Site Inspection

Mr. Tom Gallo visited the Site on July 11, 2016 at approximately 11:00am. Mr. Gallo confirmed the presence of a vacant two-story commercial building with a full cellar level. Mr. Gallo confirmed that the building was constructed with brick and mortar exterior walls and a flat asphaltic rooftop. The western exterior wall is plastered with stucco. A paved side yard is present on the west side of the Site and was formerly used as a loading dock area.

2.4 Areas of Concern

Areas of Concern (AOCs) identified for the Site include:

1. The historic usage of the Site as an auto repair facility;
2. The Site has an E-Designation (E-138) for HazMat as the result of the Greenpoint-Williamsburg Rezonong action (CEQR No. 04DCP003K);
3. There is an open spill (NYSDEC Spill Case No. 15-02141) associated with the western adjacent property; and,
4. The potential for the presence of ACMs, LBP and PCBs at the Site.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Robert Bennett.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

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

1808 Middle Country Road, Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

4.0 REMEDIAL INVESTIGATION ACTIVITIES

EBC performed the following scope of work at the Site from July through August of 2016:

1. Conducted a site inspection on July 11, 2016 to identify areas of concern (AOCs) and physical obstructions (i.e. structures, accessible areas to perform Phase II, etc.);
2. Installed two (2) soil borings (SB1-SB2) on August 10, 2016 in the side yard/loading dock area on the west side of the Site, and collected four soil samples for chemical analysis;
3. Installed two (2) groundwater monitoring wells (MW1-MW2) on August 10, 2016 in the side yard/loading dock area on the west side of the Site and collected two groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed four (4) sub-slab soil vapor implants (SS1-SS4) on July 13, 2016 and collected four sub-slab soil gas samples for chemical analysis. Also collected one indoor air and one outdoor air sample during the same time.

4.1 Geophysical Investigation

A limited geophysical investigation was conducted prior to EBC's Phase II investigation in order to pre clear soil borings, groundwater monitoring wells and soil vapor sampling locations. No tanks or underground anomalies were identified.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On August 10, 2016, two (2) soil borings (SB1 and SB2) were installed in the approximate locations shown on **Figure 5**. The soil boring locations were chosen to gain representative soil quality information across the Site. Soil borings were collected continuously from grade to a final depth of 15 feet below existing grade using a five-foot steel macro core sampler, all with acetate liners and Geoprobe direct-push equipment. Soil recovered from each soil boring was field screened for the presence of VOCs with a photoionization detector (PID) and visually inspected for evidence of contamination. Two soil samples were retained from each of the soil borings, representing the 0 to 2 foot and 12 to 14 foot interval at SB1 and the 0-2 foot and 9-11 foot interval at SB2.

Soil boring details are provided in **Table 11**. Boring logs were prepared by a Qualified Environmental Professional and are attached in **Attachment A**.

Groundwater Monitoring Well Construction

Two (2) temporary 1-inch diameter PVC monitoring wells (MW1 and MW2) were installed at the approximate locations shown on **Figure 5**, with 10 feet of 0.010 slotted screen set to intersect the water table. Since groundwater was encountered at approximately 8-10 feet below grade, the wells were installed to 15 feet below grade with the screen present from 5 to 15 feet below grade. Monitoring well sampling details are provided in **Table 11**. Monitoring well locations are shown in **Figure 5**.

Survey

Soil borings, monitoring wells and soil gas sampling locations were located to the nearest 0.10 foot with respect to two or more permanent site features.

Water Level Measurement

Approximate groundwater level measurements were collected using a Solinst oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within the three monitoring wells. Water level data is included in **Table 10**.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation targeted Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor were sampled and evaluated in the RIR. Discrete (grab) samples were used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment and selection of a final remedy.

Soil Sampling

Four (4) soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table 11**. **Figure 5** shows the location of samples collected during this RI. Laboratories and analytical methods for soil samples collected during the RI are shown below.

The four (4) soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis with proper chain of custody to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples retained during EBC's August 10, 2016 sampling event were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals.

Groundwater Sampling

Two (2) groundwater wells were installed on August 10, 2016 and two groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected from the monitoring wells utilizing dedicated polyethylene tubing and a peristaltic pump. Two groundwater samples were collected by EBC on August 10, 2016 in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals and dissolved metals. Data on groundwater sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table 11**. **Figure 5** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Four (4) sub-slab soil vapor probes were installed and sampled on July 13, 2016. Additionally, one indoor air and one outdoor air sample was collected simultaneously to evaluate soil vapor intrusion and for comparison purposes. The four soil vapor sampling locations are shown in **Figure 5**. Soil vapor sampling logs are included in **Attachment C**. Methodologies used for soil

vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The soil vapor probes were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor probes is shown on **Figure 5**. The vapor probes that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The four soil vapor probes were installed to a depth of 6-10 inches below the cellar slab. Each probe was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the probe to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Prior to sampling, each sampling location was tested to ensure that a proper surface seal had been accomplished. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the three vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow

control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 0 and 4 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Attachment C**). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil and groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); and, • PCBs by EPA Method 8082A (rev. 2000). Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Tables 1** through **9**. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Attachment E**.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site consists of sandy fill material with brick and asphalt fragments in the top foot, brown sand from 2-9 feet and gray-stained sand with suspect odor and elevated PID readings from 9-14 feet below grade. Boring logs are provided in **Appendix B**.

Hydrogeology

Water level data for the three monitoring wells is provided in **Table 1**. The average depth to groundwater is approximately 8 to 9.5 feet below grade. Groundwater is estimated to flow in a general westerly direction towards the East River which is present approximately 670 feet to the west of the Site.

5.2 Soil Chemistry

Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill collected during the RI showed trace to low levels of petroleum related VOCs. The highest levels of VOCs were detected at soil sample SB1(12-14') where 1,2,4-trimethylbenzene was detected above its UUSCO at a concentration of 28,000 ug/kg and ethylbenzene was detected above its UUSCO at a concentration of 1,300 ug/kg. Trace to low levels of SVOCs were detected across the Site. The only sample with SVOC concentrations above SCOs was SB1(0-2'). These exceedances included benz(a)anthracene (1,900 µg/kg), benzo(a)pyrene (1,700 µg/kg), benzo(b)fluoranthene (1,500 µg/kg), benzo(k)fluoranthene (1,500 µg/kg), and chrysene (2,100 µg/kg). No detectable concentrations of pesticides and PCBs were present in any of the soil samples collected. A few metals were detected above SCOs in shallow soil at the Site including lead (max. 201 mg/kg), copper (max. 124 mg/kg), mercury (max. 1.46 mg/kg) and zinc (max. 907 mg/kg) were detected exceeding Unrestricted Use SCOs. Overall, the soil results were consistent with data identified at sites with minimal urban fill material and native soil in NYC.

1808 Middle Country Road, Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

5.3 Groundwater Chemistry

Groundwater sample results from EBC's January 2016 RI were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Trace to low levels of petroleum-related VOCs were detected in groundwater with the highest concentrations at MW1 which was installed at the northwest corner of the Site. VOCs detected above GQS included 1,2,4-trimethylbenzene (max. 44 ug/L), ethylbenzene (max. 6.6 ug/L), naphthalene (max. 48 ug/L), n-propylbenzene (max. 6.1 ug/L) and sec-butylbenzene (max. 6 ug/L). Trace to low levels of SVOCs were detected. The only SVOC deteted above GQS was benzo(k)fluoranthene (max. 22 ug/L). No detectable concentrations of pesticides and PCBs were present in the groundwater samples. Several target analyte metals were detected above GQS in groundwater including aluminum (max. 50.7 mg/L), arsenic (max. 0.026 mg/L), chromium (max. 0.153 mg/L), iron (max. 103 mg/L), lead (max. 0.052 mg/L), magnesium (max. 40.4 mg/L), manganese (max. 7.17 mg/L) and sodium (max. 59.6 mg/L). A couple dissolved metals were also detected above GQS including manganese (max. 6.4 mg/L) and sodium (max. 60.8 mg/L) exceeding their respective GQS.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 of the Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Sub-slab soil vapor samples collected during the RI showed elevated levels of petroleum-related VOCs (PVOCs), specifically in SS3 and SS4 on the southern half of the Site. Elevated levels of chlorinated VOCs (CVOCs) were also detected in sub-slab soil vapor samples, specifically in SS3 and SS4 on the southern half of the Site. High levels of PVOCs were also detected in the indoor air sample (IA1). The concentration of total BTEX compounds ranged from 112.08 µg/m^3 in SS2 to 232.10 µg/m^3 in SS3 for the sub-slab samples. Total BTEX was detected at a concentration of 479.70 ug/ m^3 in the indoor air sample (IA1) and 6.21 ug/ m^3 in the outdoor ambient air sample (OA1). Total CVOC concentrations ranged from 44.41 ug/ m^3 in SS2 to 3,646.94 ug/ m^3 in SS4 in the sub-slab samples. Total CVOCs were detected at a concentration of 176 ug/m^3 in the indoor air sample (IA1) and at 7.14 ug/m^3 in the outdoor ambient air sample (OA1). The CVOC tetrachloroethene (PCE) was detected at a maximum of

1,630 µg/m^3 in SS4, 1,1,1-trichloroethane (TCA) detected at a maximum of 1.41 µg/m^3 in SS4, carbon tetrachloride detected at a maximum of 3.24 in SS1µg/m^3 and trichloroethylene (TCE) detected at a maximum of 1,960 µg/m^3in sample SS4. Overall, the highest concentrations of PVOCs and CVOCs in sub-slab soil vapor were detected on the southern portion of the property. Concentrations of PCE and TCE were within the mitigation level ranges established within the State DOH soil vapor guidance matrix.

5.4 Prior Activity

Because the proposed renovation project does not include the expansion of the existing foundation and no excavation is planned, disposal of hazardous waste is not anticipated.

5.5 Impediments to Remedial Action

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

TABLES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

58 Greenpoint Avenue
Brooklyn, New York

TABLE 1
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				Duplicate	
			(0-2') 8/10/2016 µg/Kg		(12-14') 8/10/2016 µg/Kg		(0-2') 8/10/2016 µg/Kg		(9-11') 8/10/2016 µg/Kg		8/10/2016 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 21	21	< 12000	12,000	< 320	320	< 6100	6,100	< 730	730
1,1,1-Trichloroethane	680	100,000	< 5.2	5.2	< 680	680	< 320	320	< 680	680	< 180	180
1,1,2,2-Tetrachloroethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,1,2-Trichloroethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,1-Dichloroethane	270	26,000	< 5.2	5.2	< 580	580	< 250	250	< 270	270	< 180	180
1,1-Dichloroethene	330	100,000	< 5.2	5.2	< 330	330	< 320	320	< 330	330	< 180	180
1,1-Dichloropropene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,2,3-Trichlorobenzene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,2,3-Trichloropropane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,2,4-Trichlorobenzene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,2,4-Trimethylbenzene	3,600	52,000	**38**	290	**28,000**	5,700	**77**	320	< 1500	1,500	**72**	180
1,2-Dibromo-3-chloropropane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,2-Dibromoethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,2-Dichlorobenzene	1,100	100,000	< 5.2	5.2	< 1100	1,100	< 320	320	< 1500	1,500	< 180	180
1,2-Dichloroethane	20	3,100	< 5.2	5.2	< 290	290	< 32	32	< 150	150	< 20	20
1,2-Dichloropropane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,3,5-Trimethylbenzene	8,400	52,000	< 5.2	5.2	< 2900	2,900	**110**	320	< 1500	1,500	**65**	180
1,3-Dichlorobenzene	2,400	49,000	< 5.2	5.2	< 2400	2,400	< 320	320	< 1500	1,500	< 180	180
1,3-Dichloropropane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
1,4-Dichlorobenzene	1,800	13,000	< 5.2	5.2	< 1800	1,800	< 320	320	< 1500	1,500	< 180	180
2,2-Dichloropropane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
2-Chlorotoluene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
2-Hexanone			< 26	26	< 15000	15,000	< 1600	1,600	< 7600	7,600	< 920	920
2-Isopropyltoluene			< 5.2	5.2	**1,000**	2,900	< 320	320	**640**	1,500	< 180	180
4-Chlorotoluene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
4-Methyl-2-pentanone			< 26	26	< 15000	15,000	< 1600	1,600	< 7600	7,600	< 920	920
Acetone	50	100,000	**16**	50	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Acrylonitrile			< 21	21	< 12000	12,000	< 640	640	< 6100	6,100	< 730	730
Benzene	60	4,800	< 5.2	5.2	< 290	290	< 60	60	< 150	150	< 60	60
Bromobenzene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Bromochloromethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Bromodichloromethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Bromoform			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Bromomethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Carbon Disulfide			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Carbon tetrachloride	760	2,400	< 5.2	5.2	< 760	760	< 320	320	< 760	760	< 180	180
Chlorobenzene	1,100	100,000	< 5.2	5.2	< 1100	1,100	< 320	320	< 1100	1,100	< 180	180
Chloroethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Chloroform	370	49,000	< 5.2	5.2	< 370	370	< 320	320	< 370	370	< 180	180
Chloromethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
cis-1,2-Dichloroethene	250	100,000	< 5.2	5.2	< 290	290	< 250	250	< 250	250	< 180	180
cis-1,3-Dichloropropene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Dibromochloromethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Dibromomethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Dichlorodifluoromethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Ethylbenzene	1,000	41,000	< 5.2	5.2	**1,300**	2,900	< 320	320	< 1000	1,000	< 180	180
Hexachlorobutadiene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Isopropylbenzene			< 5.2	5.2	**1,900**	2,900	< 320	320	**880**	1,500	< 180	180
m&p-Xylene			< 5.2	5.2	**900**	2,900	< 320	320	< 1500	1,500	**62**	180
Methyl Ethyl Ketone	120	100,000	< 31	31	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Methyl t-butyl ether (MTBE)	930	100,000	< 10	10	< 930	930	< 640	640	< 930	930	< 370	370
Methylene chloride	50	100,000	< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Naphthalene			**2,800**	290	**19,000**	5,700	< 320	320	**11,000**	1,500	**100**	180
n-Butylbenzene	12,000	100,000	< 5.2	5.2	**3,800**	2,900	< 320	320	**2,400**	1,500	< 180	180
n-Propylbenzene	3,900	100,000	< 5.2	5.2	**3,700**	2,900	< 320	320	**1,900**	1,500	< 180	180
o-Xylene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
p-Isopropyltoluene			< 5.2	5.2	**3,700**	2,900	**210**	320	< 1500	1,500	**130**	180
sec-Butylbenzene	11,000	100,000	< 5.2	5.2	**4,800**	2,900	< 320	320	**2,700**	1,500	< 180	180
Styrene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
tert-Butylbenzene	5,900	100,000	< 5.2	5.2	**340**	2,900	< 320	320	**200**	1,500	< 180	180
Tetrachloroethene	1,300	19,000	< 5.2	5.2	< 1300	1,300	< 320	320	< 1300	1,300	< 180	180
Tetrahydrofuran (THF)			< 10	10	< 5800	5,800	< 640	640	< 3000	3,000	< 370	370
Toluene	700	100,000	**44**	290	< 700	700	< 320	320	< 700	700	< 180	180
trans-1,2-Dichloroethene	190	100,000	< 5.2	5.2	< 290	290	< 190	190	< 190	190	< 180	180
trans-1,3-Dichloropropene			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
trans-1,4-dichloro-2-butene			< 10	10	< 5800	5,800	< 640	640	< 3000	3,000	< 370	370
Trichloroethene	470	21,000	< 5.2	5.2	< 470	470	< 320	320	< 470	470	< 180	180
Trichlorofluoromethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Trichlorotrifluoroethane			< 5.2	5.2	< 2900	2,900	< 320	320	< 1500	1,500	< 180	180
Vinyl chloride	20	900	< 5.2	5.2	< 290	290	< 32	32	< 150	150	< 20	20
Acrolein			< 21	21	< 12000	12,000	< 1300	1,300	< 6100	6,100	< 730	730
Tert-butyl alcohol			< 100	100	< 58000	58,000	< 6400	6,400	< 30000	30,000	< 3700	3,700
Total BTEX Concentration			**0**		**6,700**		**0**		**3,580**		**0**	
Total VOCs Concentration			**2,898**		**68,440**		**397**		**19,720**		**429**	

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

58 Greenpoint Avenue
Brooklyn, New York

TABLE 2
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1 (0-2') 8/10/2016 µg/Kg		SB1 (12-14') 8/10/2016 µg/Kg		SB2 (0-2') 8/10/2016 µg/Kg		SB2 (9-11') 8/10/2016 µg/Kg		Duplicate 8/10/2016 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
1,2,4-Trichlorobenzene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
1,2-Dichlorobenzene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
1,2-Diphenylhydrazine			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
1,3-Dichlorobenzene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
1,4-Dichlorobenzene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2,4,5-Trichlorophenol			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2,4,6-Trichlorophenol			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
2,4-Dichlorophenol			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
2,4-Dimethylphenol			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2,4-Dinitrophenol			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2,4-Dinitrotoluene			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
2,6-Dinitrotoluene			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
2-Chloronaphthalene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2-Chlorophenol			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2-Methylnaphthalene			**130**	260	**26,000**	5,300	**210**	240	**11,000**	2,700	**160**	240
2-Methylphenol (o-cresol)	330	100,000	< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2-Nitroaniline			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
2-Nitrophenol			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
3&4-Methylphenol (m&p-cresol)	330	100,000	< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
3,3'-Dichlorobenzidine			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
3-Nitroaniline			< 370	370	< 7600	7,600	< 340	340	< 3800	3,800	< 350	350
4,6-Dinitro-2-methylphenol			< 220	220	< 4600	4,600	< 210	210	< 2300	2,300	< 210	210
4-Bromophenyl phenyl ether			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
4-Chloro-3-methylphenol			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
4-Chloroaniline			< 300	300	< 6100	6,100	< 280	280	< 3100	3,100	< 280	280
4-Chlorophenyl phenyl ether			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
4-Nitroaniline			< 370	370	< 7600	7,600	< 340	340	< 3800	3,800	< 350	350
4-Nitrophenol			< 370	370	< 7600	7,600	< 340	340	< 3800	3,800	< 350	350
Acenaphthene	20,000	100,000	**410**	260	< 5300	5,300	**230**	240	**1,300**	2,700	< 240	240
Acenaphthylene	100,000	100,000	< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Acetophenone			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Aniline			< 300	300	< 6100	6,100	< 280	280	< 3100	3,100	< 280	280
Anthracene	100,000	100,000	**800**	260	< 5300	5,300	**360**	240	< 2700	2,700	**130**	240
Benz(a)anthracene	1,000	1,000	**1,900**	260	< 5300	5,300	**490**	240	< 2700	2,700	**210**	240
Benzidine			< 370	370	< 7600	7,600	< 340	340	< 3800	3,800	< 350	350
Benzo(a)pyrene	1,000	1,000	**1,700**	190	< 3800	3,800	**340**	170	< 1900	1,900	**150**	170
Benzo(b)fluoranthene	1,000	1,000	**1,500**	260	< 5300	5,300	**340**	240	< 2700	2,700	**140**	240
Benzo(ghi)perylene	100,000	100,000	**920**	260	< 5300	5,300	**170**	240	< 2700	2,700	< 240	240
Benzo(k)fluoranthene	800	3,900	**1,500**	260	< 5300	5,300	**270**	240	< 2700	2,700	**130**	240
Benzoic acid			< 1900	1,900	< 38000	38,000	< 1700	1,700	< 19000	19,000	< 1700	1,700
Benzyl butyl phthalate			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Bis(2-chloroethoxy)methane			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Bis(2-chloroethyl)ether			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
Bis(2-chloroisopropyl)ether			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Bis(2-ethylhexyl)phthalate			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Carbazole			**380**	190	< 3800	3,800	**160**	170	< 1900	1,900	< 170	170
Chrysene	1,000	3,900	**2,100**	260	< 5300	5,300	**510**	240	< 2700	2,700	**230**	240
Dibenz(a,h)anthracene	330	330	**260**	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
Dibenzofuran	7,000	59,000	**260**	260	< 5300	5,300	**170**	240	< 2700	2,700	< 240	240
Diethyl phthalate			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Dimethylphthalate			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Di-n-butylphthalate			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Di-n-octylphthalate			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Fluoranthene	100,000	100,000	**4,600**	260	< 5300	5,300	**1,100**	240	< 2700	2,700	**430**	240
Fluorene	30,000	100,000	**290**	260	< 5300	5,300	**220**	240	**2,700**	2,700	< 240	240
Hexachlorobenzene			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
Hexachlorobutadiene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Hexachlorocyclopentadiene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Hexachloroethane			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
Indeno(1,2,3-cd)pyrene	500	500	**1,000**	260	< 5300	5,300	**200**	240	< 2700	2,700	< 240	240
Isophorone			< 190	190	< 3800	3,800	< 1500	1,500	< 1900	1,900	< 1700	1,700
Naphthalene	12,000	100,000	**220**	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Nitrobenzene			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
N-Nitrosodimethylamine			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
N-Nitrosodi-n-propylamine			< 190	190	< 3800	3,800	< 170	170	< 1900	1,900	< 170	170
N-Nitrosodiphenylamine			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Pentachloronitrobenzene			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Pentachlorophenol	800	6,700	< 220	220	< 4600	4,600	< 210	210	< 2300	2,300	< 210	210
Phenanthrene	100,000	100,000	**3,900**	260	**8,200**	5,300	**1,400**	240	**3,900**	2,700	**540**	240
Phenol	330	100,000	< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240
Pyrene	100,000	100,000	**3,800**	260	< 5300	5,300	**910**	240	< 2700	2,700	**390**	240
Pyridine			< 260	260	< 5300	5,300	< 240	240	< 2700	2,700	< 240	240

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

58 Greenpoint Avenue
Brooklyn, New York

TABLE 3
Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				Duplicate	
				(0-2') 8/10/2016 µg/Kg		(12-14') 8/10/2016 µg/Kg		(0-2') 8/10/2016 µg/Kg		(9-11') 8/10/2016 µg/Kg		8/10/2016 µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 2.2	2.2	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1
	4,4' -DDE	3.3	8,900	< 2.2	2.2	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1
	4,4' -DDT	3.3	7,900	< 2.2	2.2	< 2.3	2.3	< 2.1	2.1	< 2.3	2.3	< 2.1	2.1
	a-BHC	20	480	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	a-Chlordane	94	4,200	< 3.7	3.7	< 3.9	3.9	< 3.4	3.4	< 3.8	3.8	< 3.5	3.5
	Aldrin	5	97	< 3.7	3.7	< 3.9	3.9	< 3.4	3.4	< 3.8	3.8	< 3.5	3.5
	b-BHC	36	360	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Chlordane	94	4,200	< 37	37	< 39	39	< 34	34	< 38	38	< 35	35
	d-BHC	40	100,000	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Dieldrin	5	200	< 3.7	3.7	< 3.9	3.9	< 3.4	3.4	< 3.8	3.8	< 3.5	3.5
	Endosulfan I	2,400	24,000	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Endosulfan II	2,400	24,000	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Endosulfan sulfate	2,400	24,000	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Endrin	14	11,000	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Endrin aldehyde			< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Endrin ketone			< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	g-BHC			< 1.5	1.5	< 1.6	1.6	< 1.4	1.4	< 1.5	1.5	< 1.4	1.4
	g-Chlordane			< 3.7	3.7	< 3.9	3.9	< 3.4	3.4	< 3.8	3.8	< 3.5	3.5
	Heptachlor	42	2,100	< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Heptachlor epoxide			< 7.3	7.3	< 7.8	7.8	< 6.9	6.9	< 7.7	7.7	< 6.9	6.9
	Methoxychlor			< 37	37	< 39	39	< 34	34	< 38	38	< 35	35
	Toxaphene			< 150	150	< 160	160	< 140	140	< 150	150	< 140	140
PCBs	PCB-1016	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1221	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1232	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1242	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1248	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1254	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1260	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1262	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69
	PCB-1268	100	1,000	< 73	73	< 78	78	< 69	69	< 77	77	< 69	69

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

58 Greenpoint Avenue
Brooklyn, New York

TABLE 4
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1				SB2				Duplicate	
			(0-2') 8/10/2016 mg/Kg		(12-14') 8/10/2016 mg/Kg		(0-2') 8/10/2016 mg/Kg		(9-11') 8/10/2016 mg/Kg		8/10/2016 mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			4,690	36	6,120	42	3,590	35	5,240	39	2,740	37
Antimony			3.9	1.8	< 2.1	2.1	< 1.8	1.8	< 2.0	2.0	< 1.8	1.8
Arsenic	13	16	7.5	0.72	1.63	0.84	1.99	0.70	1.31	0.78	1.77	0.73
Barium	350	350	100	0.7	38.3	0.8	49.1	0.7	29.1	0.8	28.9	0.7
Beryllium	7.2	14	0.23	0.29	0.28	0.34	< 0.28	0.28	0.24	0.31	< 0.29	0.29
Cadmium	2.5	2.5	0.85	0.36	< 0.42	0.42	< 0.35	0.35	< 0.39	0.39	< 0.37	0.37
Calcium			15,300	36	1,900	4.2	12,600	32	1,390	3.9	11,700	37
Chromium	30	180	11.9	0.36	12.3	0.42	7.73	0.35	11.3	0.39	5.41	0.37
Cobalt			6.58	0.36	6.39	0.42	3.16	0.35	5.03	0.39	2.42	0.37
Copper	50	270	124	0.36	10.6	0.42	25.8	0.35	12.4	0.39	35.6	0.37
Iron			15,500	36	12,500	42	7,590	3.5	10,300	39	5,910	3.7
Lead	63	400	201	7.2	3.3	0.8	47.8	0.7	2.8	0.8	90	0.7
Magnesium			2,340	3.6	3,620	4.2	4,790	3.5	2,540	3.9	3,710	3.7
Manganese	1,600	2,000	291	3.6	163	0.42	168	3.2	72.3	0.39	144	0.37
Mercury	0.18	0.81	1.46	0.03	< 0.03	0.03	0.14	0.03	< 0.03	0.03	0.06	0.03
Nickel	30	140	10.5	0.36	13.3	0.42	6.2	0.35	10.4	0.39	5.75	0.37
Potassium			881	7	1,620	8	671	7	1,190	8	485	7
Selenium	3.9	36	< 1.4	1.4	< 1.7	1.7	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5
Silver	2	36	< 0.36	0.36	< 0.42	0.42	< 0.35	0.35	< 0.39	0.39	< 0.37	0.37
Sodium			193	7	245	8	133	7	177	8	123	7
Thallium			< 1.4	1.4	< 1.7	1.7	< 1.4	1.4	< 1.6	1.6	< 1.5	1.5
Vanadium			15	0.36	19.5	0.42	11.7	0.35	17.3	0.39	10.2	0.37
Zinc	109	2,200	907	7.2	33.2	0.8	165	6.3	27.4	0.8	167	7.3

Notes:
* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

58 Greenpoint Avenue
Brooklyn, New York

TABLE 5
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1 8/10/2016 µg/L		MW2 8/10/2016 µg/L		Duplicate 8/10/2016 µg/L	
	µg/L	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**44**	10	**0.39**	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromoethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.5**	1.0	**1.9**	1.0	**1.8**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone		< 5.0	5.0	**2.8**	5.0	< 5.0	5.0
Acrolein		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	**0.58**	1.0	**0.28**	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	**0.42**	1.0	**0.46**	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**6.6**	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3.7**	1.0	**3.9**	1.0	**2.8**	1.0
m&p-Xylenes	5	**3.3**	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**48**	10	**27**	10	**23**	5.0
n-Butylbenzene	5	**2.3**	1.0	**3.5**	1.0	**2.5**	1.0
n-Propylbenzene	5	**5.9**	1.0	**6.1**	1.0	**3.9**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		**3.5**	1.0	**0.72**	1.0	**0.4**	1.0
sec-Butylbenzene	5	**3.9**	1.0	**6**	1.0	**5.3**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	5	**0.54**	1.0	**0.71**	1.0	**0.7**	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

58 Greenpoint Avenue
Brooklyn, New York

TABLE 6
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 8/10/2016 µg/L		MW2 8/10/2016 µg/L		Duplicate 8/10/2016 µg/L	
		Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,2-Dichlorobenzene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,2-Diphenylhydrazine		< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
1,3-Dichlorobenzene	3	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,4-Dichlorobenzene		< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
2,4,5-Trichlorophenol	1	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dichlorophenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dimethylphenol		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,4-Dinitrotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,6-Dinitrotoluene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chloronaphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Chlorophenol	1	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Methylnaphthalene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Methylphenol (o-cresol)	1	**33**	5.0	**26**	5.0	**16**	5.0
2-Nitroaniline	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Nitrophenol	1	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
3-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4,6-Dinitro-2-methylphenol	1	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Bromophenyl phenyl ether		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chloro-3-methylphenol	1	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Chloroaniline	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorophenyl phenyl ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitroaniline	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
4-Nitrophenol		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acetophenone		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Aniline	5	< 5.0	5.0	**3**	5.0	**2.7**	5.0
Anthracene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzidine	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzoic acid		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzyl butyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroethyl)ether	1	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbazole		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Dibenzofuran		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Diethyl phthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Dimethylphthalate	50	< 25	25	< 25	25	< 25	25
Di-n-butylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Di-n-octylphthalate	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Fluoranthene	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Fluorene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachlorobutadiene	0.5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachlorocyclopentadiene	5	< 25	25	< 25	25	< 25	25
Isophorone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Naphthalene	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Nitrobenzene	0.4	< 5.0	5.0	**3.8**	5.0	< 5.0	5.0
N-Nitrosodimethylamine		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
N-Nitrosodi-n-propylamine		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
N-Nitrosodiphenylamine	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Phenol	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Pyrene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,2,4,5-Tetrachlorobenzene		< 5.0	5.0	**6.2**	5.0	**5.2**	5.0
Acenaphthene	20	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0
Acenaphthylene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Benz(a)anthracene	0.002	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzo(a)pyrene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzo(b)fluoranthene	0.002	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzo(ghi)perylene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzo(k)fluoranthene	0.002	**22**	5.0	**13**	5.0	**10**	5.0
Bis(2-ethylhexyl)phthalate	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chrysene	0.002	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Dibenz(a,h)anthracene		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachlorobenzene	0.04	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Hexachloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Indeno(1,2,3-cd)pyrene	0.002	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Pentachloronitrobenzene		**1.8**	5.0	**4.4**	5.0	**2.6**	5.0
Pentachlorophenol	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Phenanthrene	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Pyridine	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0

Notes:

RL- Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

58 Greenpoint Avenue
Brooklyn, New York

TABLE 7
Groundwater Analytical Results
Pesticides/PCBs

	Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 8/10/2016 µg/L		MW2 8/10/2016 µg/L		Duplicate 8/10/2016 µg/L	
			Results	RL	Results	RL	Results	RL
PCBs	**PCB-1016**	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1221	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1232	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1242	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1248	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1254	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1260	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1262	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
	PCB-1268	0.09	< 0.050	0.050	< 0.056	0.056	< 0.050	0.050
Pesticides	**4,4-DDD**	0.3	< 0.012	0.012	< 0.006	0.006	< 0.005	0.005
	4,4-DDE	0.2	< 0.005	0.005	< 0.006	0.006	< 0.005	0.005
	4,4-DDT	0.11	< 0.005	0.005	< 0.006	0.006	< 0.005	0.005
	a-BHC	0.94	< 0.005	0.005	< 0.006	0.006	< 0.005	0.005
	a-Chlordane		< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	Alachlor		< 0.075	0.075	< 0.083	0.083	< 0.075	0.075
	Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
	b-BHC	0.04	< 0.025	0.025	< 0.028	0.028	< 0.025	0.025
	Chlordane	0.05	< 0.050	0.050	< 0.050	0.050	< 0.050	0.050
	d-BHC	0.04	< 0.025	0.025	< 0.028	0.028	< 0.005	0.005
	Dieldrin	0.004	< 0.002	0.002	< 0.008	0.008	< 0.008	0.008
	Endosulfan I		< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	Endosulfan II		< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	Endosulfan Sulfate		< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	Endrin		< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Endrin aldehyde	5	< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	Endrin ketone		< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	gamma-BHC	0.05	< 0.025	0.025	< 0.006	0.006	< 0.025	0.025
	g-Chlordane		< 0.010	0.010	< 0.011	0.011	< 0.010	0.010
	Heptachlor	0.04	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Heptachlor epoxide	0.03	< 0.010	0.010	< 0.010	0.010	< 0.010	0.010
	Methoxychlor	35	< 0.10	0.10	< 0.11	0.11	< 0.10	0.10
	Toxaphene		< 0.20	0.20	< 0.22	0.22	< 0.20	0.20

Notes:
RL- Reporting limit
ND - Non-detect
ND* - Due to matrix interference from non target compounds in the sample an elevated RL
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

58 Greenpoint Avenue
Brooklyn, New York

TABLE 8A
Groundwater Analytical Results
TAL Filtered Metals

Compound Total Metals	NYSDEC Groundwater Quality Standards mg/L	MW1 8/10/2016 mg/L		MW2 8/10/2016 mg/L		Duplicate 8/10/2016 mg/L	
		Results	RL	Results	RL	Results	RL
Aluminum	0.1	**30**	0.10	**50.7**	0.10	**12.1**	0.010
Antimony	0.003	**0.002**	0.002	**0.003**	0.002	< 0.002	0.002
Arsenic	0.025	**0.006**	0.004	**0.026**	0.004	**0.01**	0.004
Barium	1	**0.791**	0.010	**0.626**	0.010	**0.355**	0.010
Beryllium	0.003	**0.002**	0.001	**0.003**	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	**0.001**	0.004	< 0.004	0.004
Calcium		**141**	0.010	**136**	0.010	**128**	0.010
Chromium	0.05	**0.131**	0.001	**0.153**	0.001	**0.033**	0.001
Cobalt		**0.029**	0.005	**0.036**	0.005	**0.008**	0.005
Copper	0.2	**0.084**	0.005	**0.152**	0.005	**0.032**	0.005
Iron	0.3	**61.8**	0.01	**103**	0.01	**37.2**	0.01
Lead	0.025	**0.052**	0.002	**0.05**	0.002	**0.013**	0.002
Magnesium	35	**30.6**	0.010	**40.4**	0.010	**24.3**	0.010
Manganese	0.3	**7.17**	0.050	**1.77**	0.005	**1.2**	0.005
Mercury	0.0007	**0.0002**	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	**0.066**	0.004	**0.091**	0.004	**0.019**	0.004
Potassium		**25.5**	0.1	**27**	0.1	**15.6**	0.1
Selenium	0.01	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	20	**50.6**	0.1	**59.6**	0.1	**58.2**	0.1
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium		**0.066**	0.010	**0.105**	0.010	**0.021**	0.010
Zinc	5	**0.435**	0.010	**0.257**	0.010	**0.058**	0.010

Notes:
RL- Reporting limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

58 Greenpoint Avenue
Brooklyn, New York

TABLE 8B
Groundwater Analytical Results
Dissolved Metals

Compound Dissolved Metals	NYSDEC Groundwater Quality Standards mg/L	MW1 8/10/2016 mg/L		MW2 8/10/2016 mg/L		Duplicate 8/10/2016 mg/L	
		Results	RL	Results	RL	Results	RL
Aluminum	0.1	**0.01**	0.011	**0.007**	0.011	**0.005**	0.011
Antimony	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Arsenic	0.025	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Barium	1	**0.186**	0.011	**0.233**	0.011	**0.215**	0.011
Beryllium	0.003	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	0.005	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium		**129**	0.01	**130**	0.01	**121**	0.01
Chromium	0.05	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cobalt		**0.002**	0.005	< 0.005	0.005	< 0.005	0.005
Copper	0.2	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Iron	0.3	**0.01**	0.01	**0.07**	0.01	**0.01**	0.01
Lead	0.025	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Magnesium	35	**17.1**	0.01	**20.8**	0.01	**19.2**	0.01
Manganese	0.3	**6.4**	0.053	**1.1**	0.005	**0.948**	0.005
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	**0.008**	0.004	**0.004**	0.004	**0.003**	0.004
Potassium		**15.1**	0.1	**13.8**	0.1	**12.4**	0.1
Selenium	0.01	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	20	**53.9**	0.11	**56.8**	0.11	**60.8**	0.11
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium		< 0.011	0.011	< 0.011	0.011	< 0.011	0.011
Zinc	5	**0.009**	0.011	< 0.011	0.011	< 0.011	0.011

Notes:
RL- Reporting limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

58 Greenpoint Avenue
Brooklyn, New York

TABLE 9
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Indoor Air Guideline Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SS1 7/13/2016 ($\mu g/m3$)		SS2 7/13/2016 ($\mu g/m3$)		SS3 7/13/2016 ($\mu g/m3$)		SS4 7/13/2016 ($\mu g/m3$)		IA1 7/13/2016 ($\mu g/m3$)		OA1 7/13/2016 ($\mu g/m3$)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.41**	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**12.5**	1.00	**7.27**	1.00	**13.1**	1.00	**12**	1.00	**29.4**	1.00	**1.7**	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**3.89**	1.00	**1.92**	1.00	**3.73**	1.00	**3.43**	1.00	**10.1**	1.00	< 1.00	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	**2.79**	1.00	**1.03**	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.17**	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	**2.89**	1.00	**1.56**	1.00	**2.85**	1.00	**2.83**	1.00	**5.94**	1.00	< 1.00	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.34**	1.00	< 1.00	1.00
4-Methyl-2-pentanone			**4.08**	1.00	**1.71**	1.00	**2.72**	1.00	**1.78**	1.00	< 1.00	1.00	< 1.00	1.00
Acetone		NA	**240**	9.99	**50.6**	1.00	**45.6**	1.00	**81.7**	1.00	< 1.00	1.00	**14.4**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	**20.7**	1.00	**12**	1.00	**24.7**	1.00	**16.1**	1.00	**64.5**	1.00	< 1.00	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	**2.82**	1.00	**2.46**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**3.24**	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	**16.3**	1.00	**6.2**	1.00	**14**	1.00	**9.12**	1.00	**3.03**	1.00	< 1.00	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.16**	1.00
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane		NA	**17.5**	1.00	**10.9**	1.00	**19.6**	1.00	**13.2**	1.00	**79.1**	1.00	**1.22**	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.81**	1.00	**1.57**	1.00	**2.69**	1.00	**2.92**	1.00	**2.83**	1.00	**2.63**	1.00
Ethanol			**222**	10.0	**62.3**	1.00	**108**	1.00	**37.8**	1.00	**101**	5.01	**20**	1.00
Ethyl Acetate		NA	**2.8**	1.00	< 1.00	1.00	**1.49**	1.00	< 1.00	1.00	< 1.00	1.00	**1.82**	1.00
Ethylbenzene		<4.3	**13.1**	1.00	**7.72**	1.00	**16.6**	1.00	**14.9**	1.00	**35.4**	1.00	< 1.00	1.00
Heptane		NA	**21.9**	1.00	**17**	1.00	**20.2**	1.00	**20.6**	1.00	**47.1**	1.00	< 1.00	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	**28.2**	1.00	**29.7**	1.00	**38.4**	1.00	**43.3**	1.00	**162**	5.00	**1.97**	1.00
Isopropylalcohol		NA	**50.4**	1.00	**2.95**	1.00	**5.23**	1.00	**7.96**	1.00	**3.76**	1.00	**6.76**	1.00
Isopropylbenzene			**1.02**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.98**	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	**43**	1.00	**26.2**	1.00	**54.2**	1.00	**49.5**	1.00	**102**	1.00	**2.1**	1.00
Methyl Ethyl Ketone			**16.9**	1.00	**3.77**	1.00	**3.8**	1.00	**4.72**	1.00	**2.19**	1.00	**1.63**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	< 1.00	1.00	**3.92**	1.00	**5.42**	1.00	**2.1**	1.00	**3.58**	1.00	**1.35**	1.00
n-Butylbenzene			**1.05**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.6**	1.00	< 1.00	1.00
Xylene (o)		<4.3	**14**	1.00	**8.16**	1.00	**17.6**	1.00	**16**	1.00	**41.8**	1.00	< 1.00	1.00
Propylene		NA	**3.61**	1.00	**8.34**	1.00	**2.7**	1.00	**23.7**	1.00	**31.6**	1.00	**1.3**	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	**1.52**	1.00	< 1.00	1.00	**1.66**	1.00	**1.72**	1.00	**2.23**	1.00	< 1.00	1.00
Tetrachloroethene	100		**6.18**	0.25	**4.09**	0.25	**581**	2.50	**1,630**	7.52	**5.49**	0.25	**1.15**	0.25
Tetrahydrofuran		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Toluene		1.0 - 6.1	**82.1**	1.00	**58**	1.00	**119**	1.00	**81**	1.00	**236**	5.01	**4.11**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	5	<1.7	**2.29**	0.25	**2.85**	0.25	**1,140**	2.50	**1,960**	2.50	**1.24**	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	**1.5**	1.00	< 1.00	1.00	**1.58**	1.00	**1.6**	1.00	**1.41**	1.00	**1.39**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**172.90**		**112.08**		**232.10**		**177.50**		**479.70**		**6.21**	
CVOCs			**60.52**		**44.41**		**1,777.67**		**3,646.94**		**176.00**		**7.14**	
Total VOCs			**838.30**		**323.92**		**2,248.66**		**4,041.59**		**976.62**		**64.69**	

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

TABLE 10
58 Greenpoint Avenue
Brooklyn, NY
Well Survey Data

Well No.	Survey Reading (ft)	Depth to Water Table (ft)	Depth to Product (ft)	Product Thickness (ft)	Groundwater Elevation (ft)
MW1	14.25	9.56	ND	ND	4.69
MW2	12.90	8.09	ND	ND	4.81

Notes:
The two wells (MW1-MW2) were installed and surveyed/sampled August 10, 2016
Survey Reading is measured at the top of casing and represents how many feet above mean sea level (amsl)
Depth to Water Table is measured in feet below the top of casing (TOC)
ND = Not Detected (no product was present in any of the onsite monitoring wells)
Groundwater Elevation represents how many feet above mean sea level the water table is

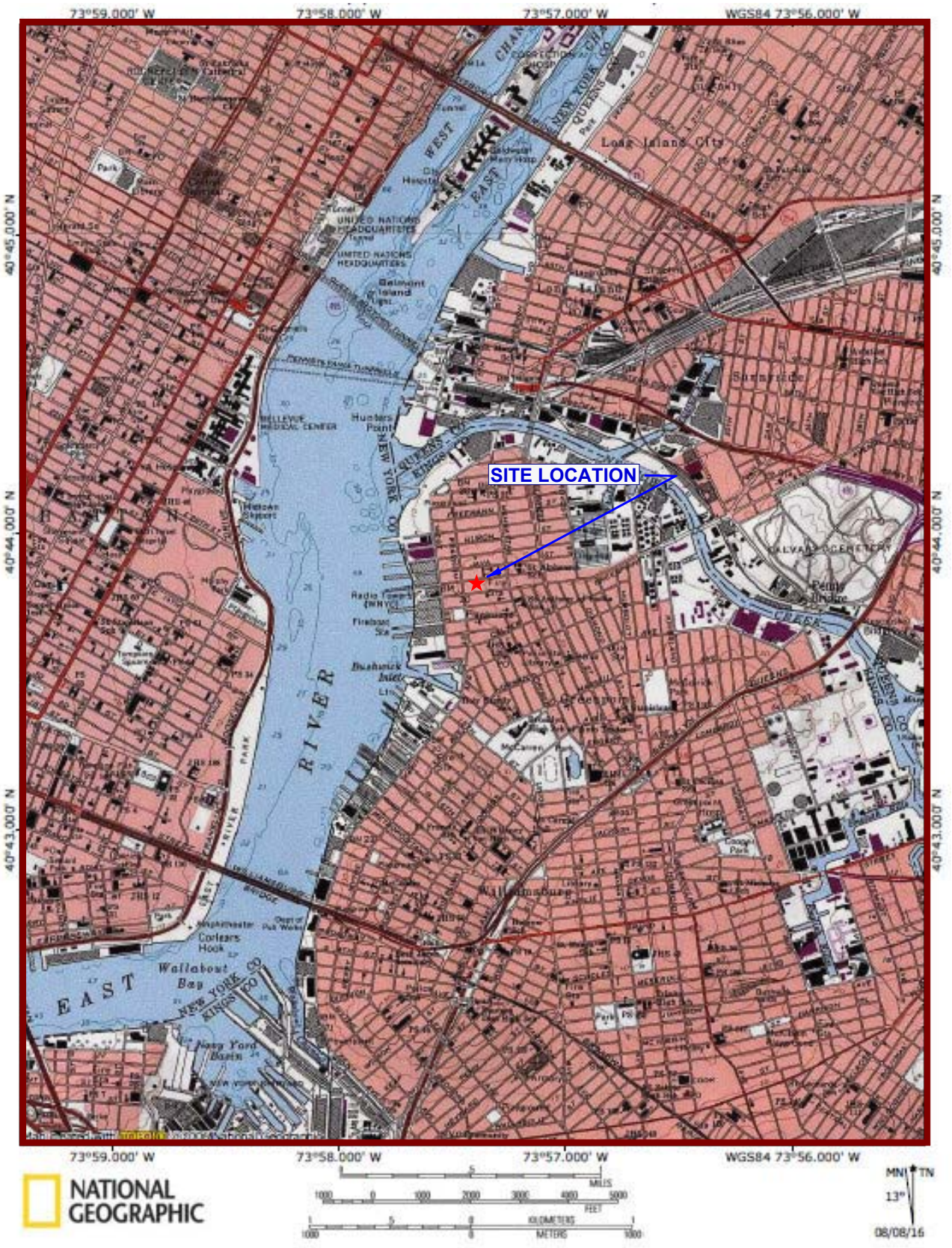
58 Greenpoint Avenue
Brooklyn, New York

TABLE 11
Soil Boring / Monitoring Well Construction Detail

Location ID	Installation Date	Total Depth (feet)	Diameter (inches)	Construction Materials	Screen Length (feet)	Screen Interval	Depth to Water (feet)
SB1	8/10/2016	15	2	Geoprobe-Direct Push	-	-	9.5-10
SB2	8/10/2016	15	2	Geoprobe-Direct Push	-	-	8-8.5
MW1	8/10/2016	15	1	1" PVC	10	5-15	9.56
MW2	8/10/2016	15	1	1" PVC	10	5-15	8.09

FIGURES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

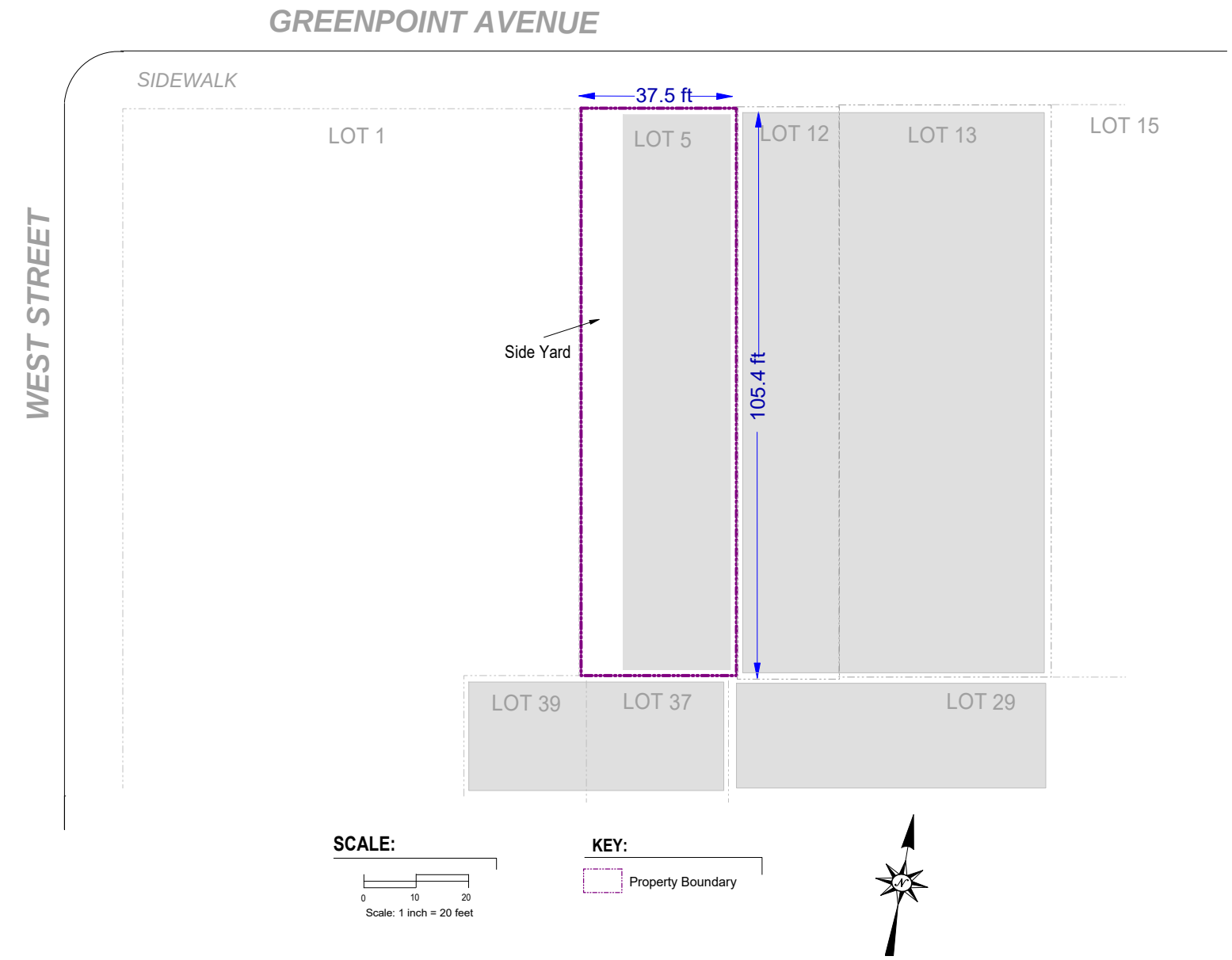


USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

58 Greenpoint Avenue
BROOKLYN, NY

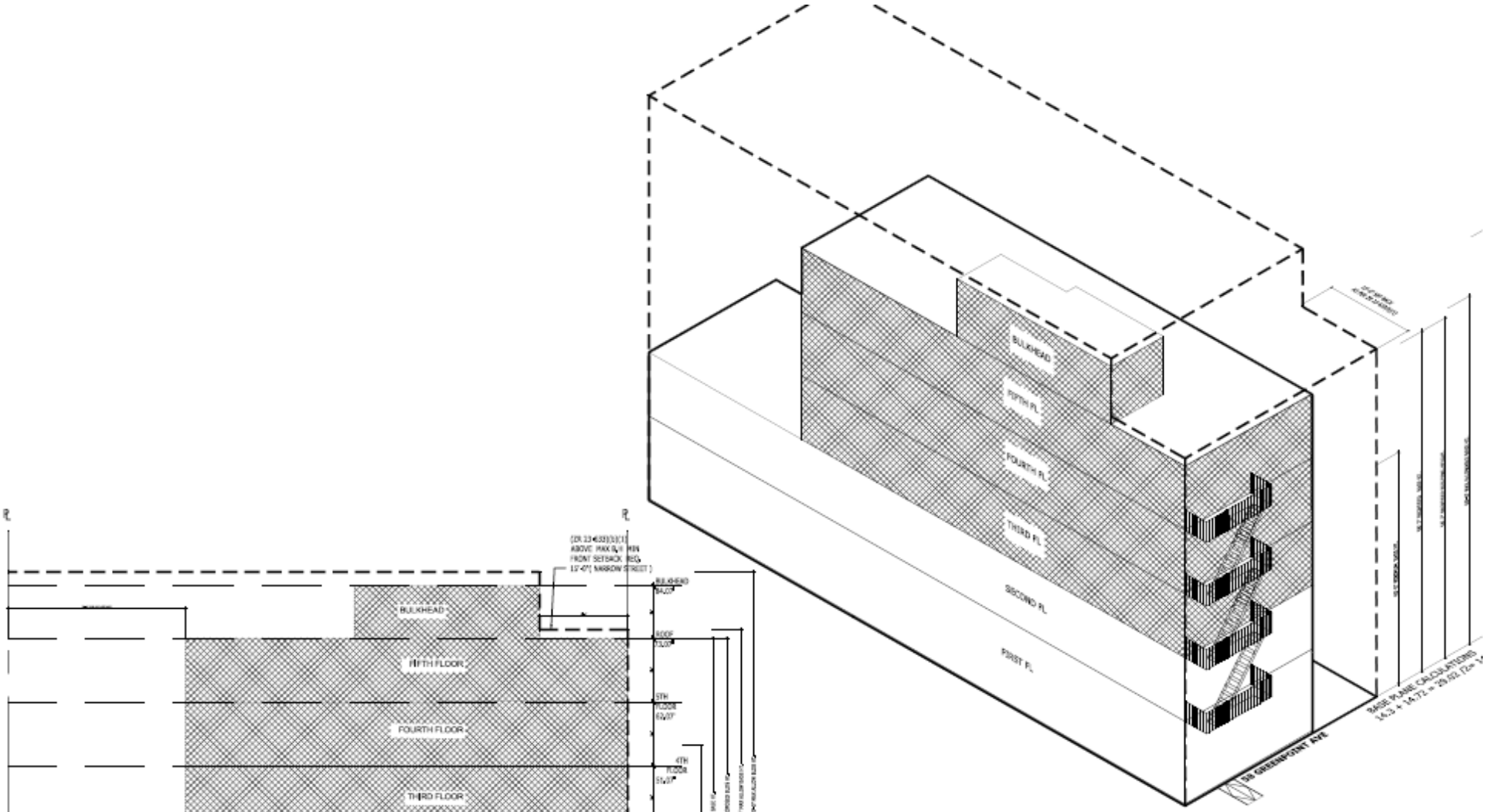
FIGURE 1 SITE LOCATION MAP



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 2

Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVE, BROOKLYN, NY
Drawing Title: SITE PLAN



ISOMETRIC DIAGRAM
1/8" = 1'-0"

HEIGHT DIAGRAM
1/8" = 1'-0"

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 3

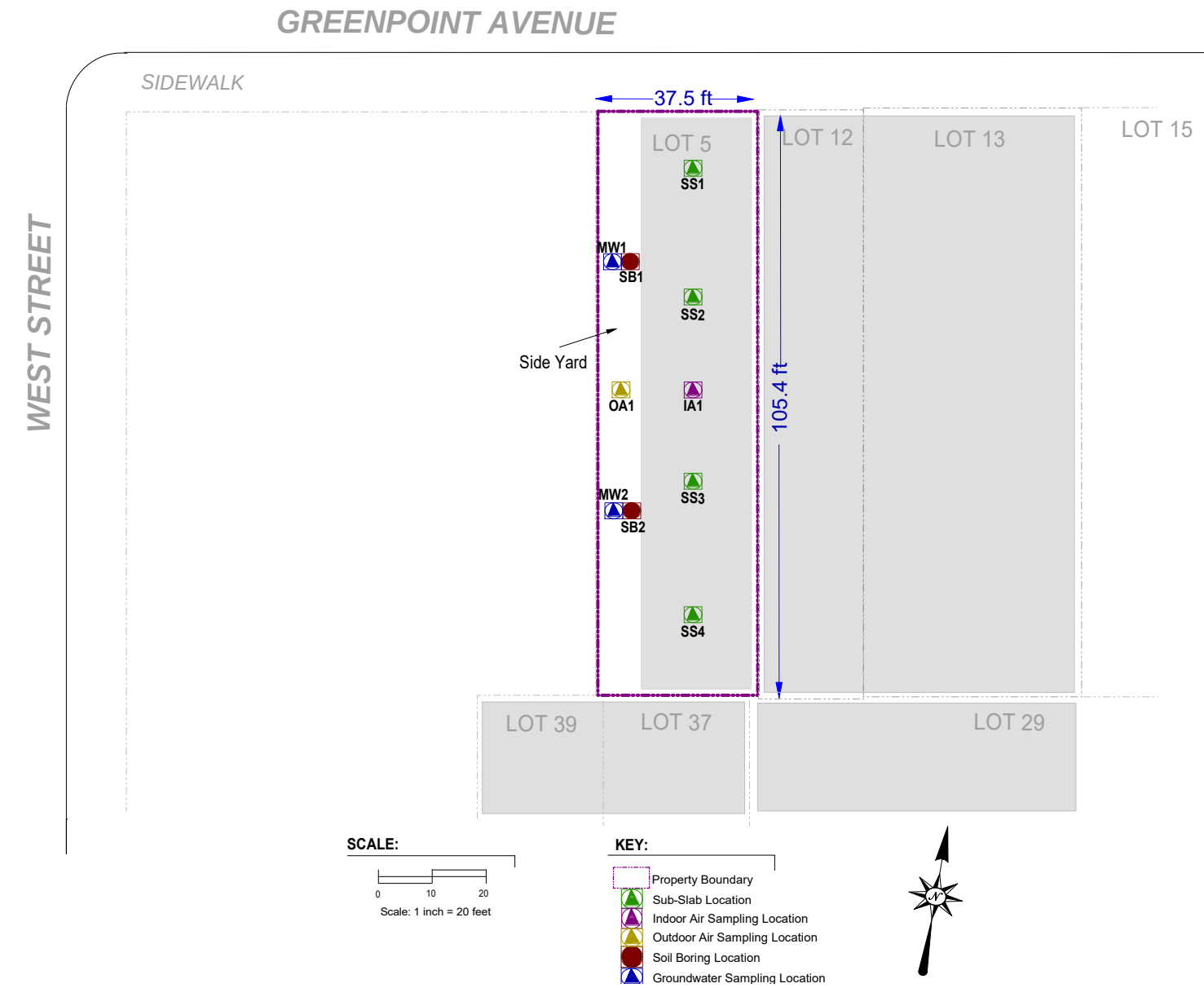
Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVENUE, BROOKLYN, NY
Drawing Title: RENOVATION PLAN

Source: http://www.oasisnyc.net/map.aspx

FIGURE 4
SURROUNDING LAND USE MAP

58 GREENPOINT AVENUE, BROOKLYN, NY
HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

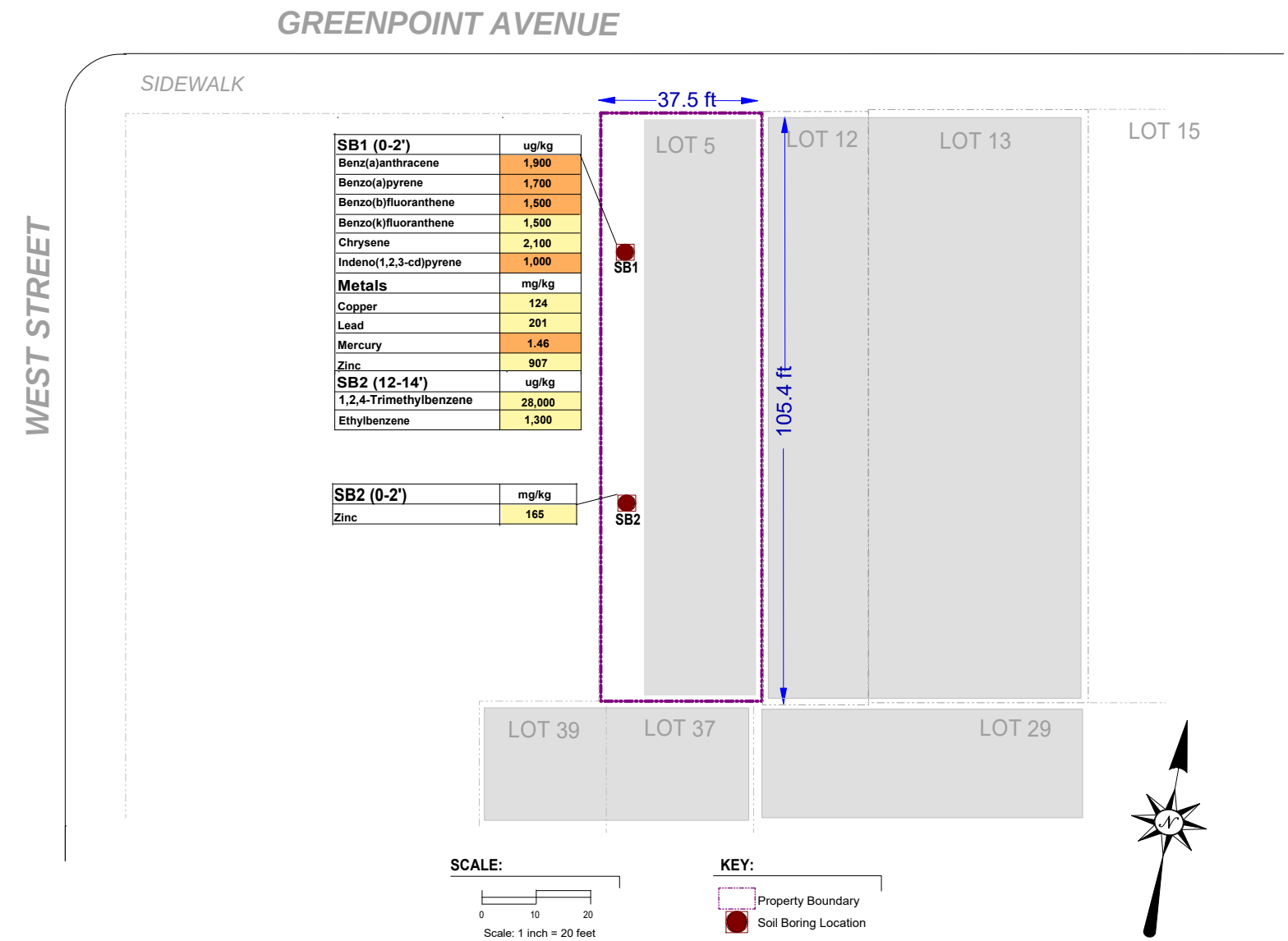
EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961
PHONE: (631) 504-6000 FAX: (631) 924-2870



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 5

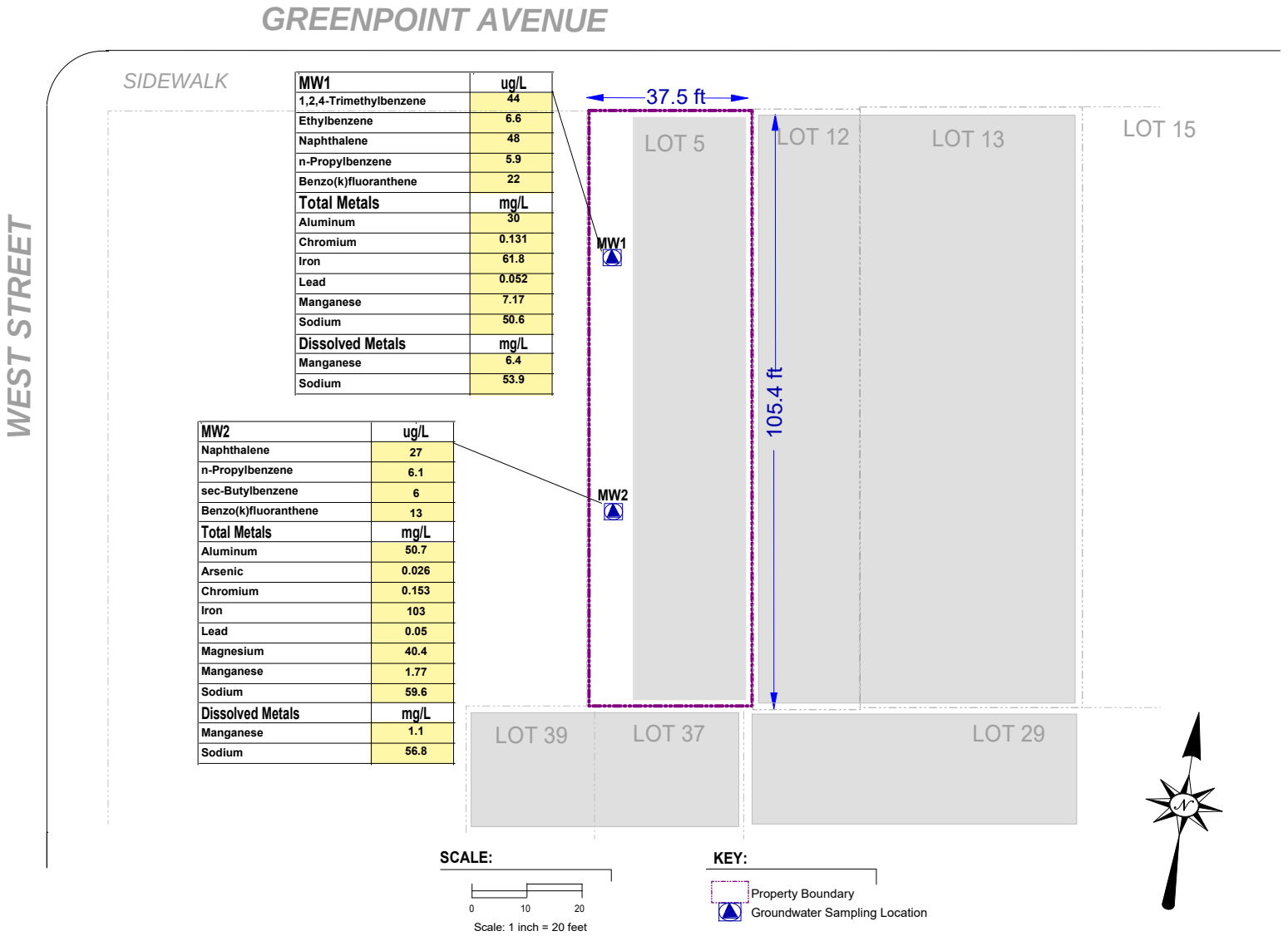
Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVE, BROOKLYN, NY
Drawing Title: SAMPLE LOCATIONS



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 6

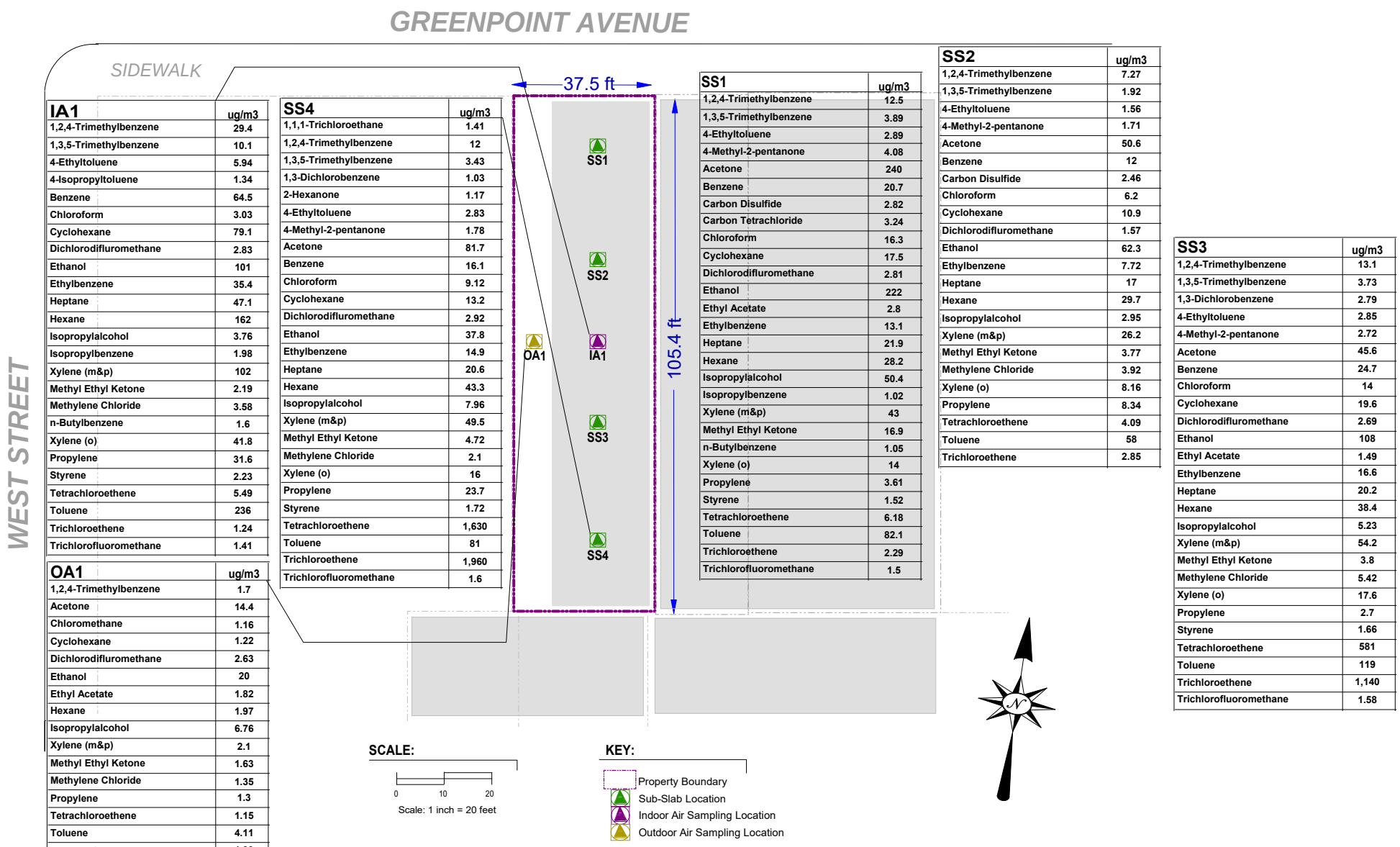
Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVE, BROOKLYN, NY
Drawing Title: SOIL EXCEEDANCES



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 7

Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVE, BROOKLYN, NY
Drawing Title: GROUNDWATER EXCEEDANCES



IA1	ug/m3
1,2,4-Trimethylbenzene	29.4
1,3,5-Trimethylbenzene	10.1
4-Ethyltoluene	5.94
4-Isopropyltoluene	1.34
Benzene	64.5
Chloroform	3.03
Cyclohexane	79.1
Dichlorodifluromethane	2.83
Ethanol	101
Ethylbenzene	35.4
Heptane	47.1
Hexane	162
Isopropylalcohol	3.76
Isopropylbenzene	1.98
Xylene (m&p)	102
Methyl Ethyl Ketone	2.19
Methylene Chloride	3.58
n-Butylbenzene	1.6
Xylene (o)	41.8
Propylene	31.6
Styrene	2.23
Tetrachloroethene	5.49
Toluene	236
Trichloroethene	1.24
Trichlorofluoromethane	1.41

OA1	ug/m3
1,2,4-Trimethylbenzene	1.7
Acetone	14.4
Chloromethane	1.16
Cyclohexane	1.22
Dichlorodifluromethane	2.63
Ethanol	20
Ethyl Acetate	1.82
Hexane	1.97
Isopropylalcohol	6.76
Xylene (m&p)	2.1
Methyl Ethyl Ketone	1.63
Methylene Chloride	1.35
Propylene	1.3
Tetrachloroethene	1.15
Toluene	4.11
Trichlorofluoromethane	1.39

SS4	ug/m3
1,1,1-Trichloroethane	1.41
1,2,4-Trimethylbenzene	12
1,3,5-Trimethylbenzene	3.43
1,3-Dichlorobenzene	1.03
2-Hexanone	1.17
4-Ethyltoluene	2.83
4-Methyl-2-pentanone	1.78
Acetone	81.7
Benzene	16.1
Chloroform	9.12
Cyclohexane	13.2
Dichlorodifluromethane	2.92
Ethanol	37.8
Ethylbenzene	14.9
Heptane	20.6
Hexane	43.3
Isopropylalcohol	7.96
Xylene (m&p)	49.5
Methyl Ethyl Ketone	4.72
Methylene Chloride	2.1
Xylene (o)	16
Propylene	23.7
Styrene	1.72
Tetrachloroethene	1,630
Toluene	81
Trichloroethene	1,960
Trichlorofluoromethane	1.6

SS1	ug/m3
1,2,4-Trimethylbenzene	12.5
1,3,5-Trimethylbenzene	3.89
4-Ethyltoluene	2.89
4-Methyl-2-pentanone	4.08
Acetone	240
Benzene	20.7
Carbon Disulfide	2.82
Carbon Tetrachloride	3.24
Chloroform	16.3
Cyclohexane	17.5
Dichlorodifluromethane	2.81
Ethanol	222
Ethyl Acetate	2.8
Ethylbenzene	13.1
Heptane	21.9
Hexane	28.2
Isopropylalcohol	50.4
Isopropylbenzene	1.02
Xylene (m&p)	43
Methyl Ethyl Ketone	16.9
n-Butylbenzene	1.05
Xylene (o)	14
Propylene	3.61
Styrene	1.52
Tetrachloroethene	6.18
Toluene	82.1
Trichloroethene	2.29
Trichlorofluoromethane	1.5

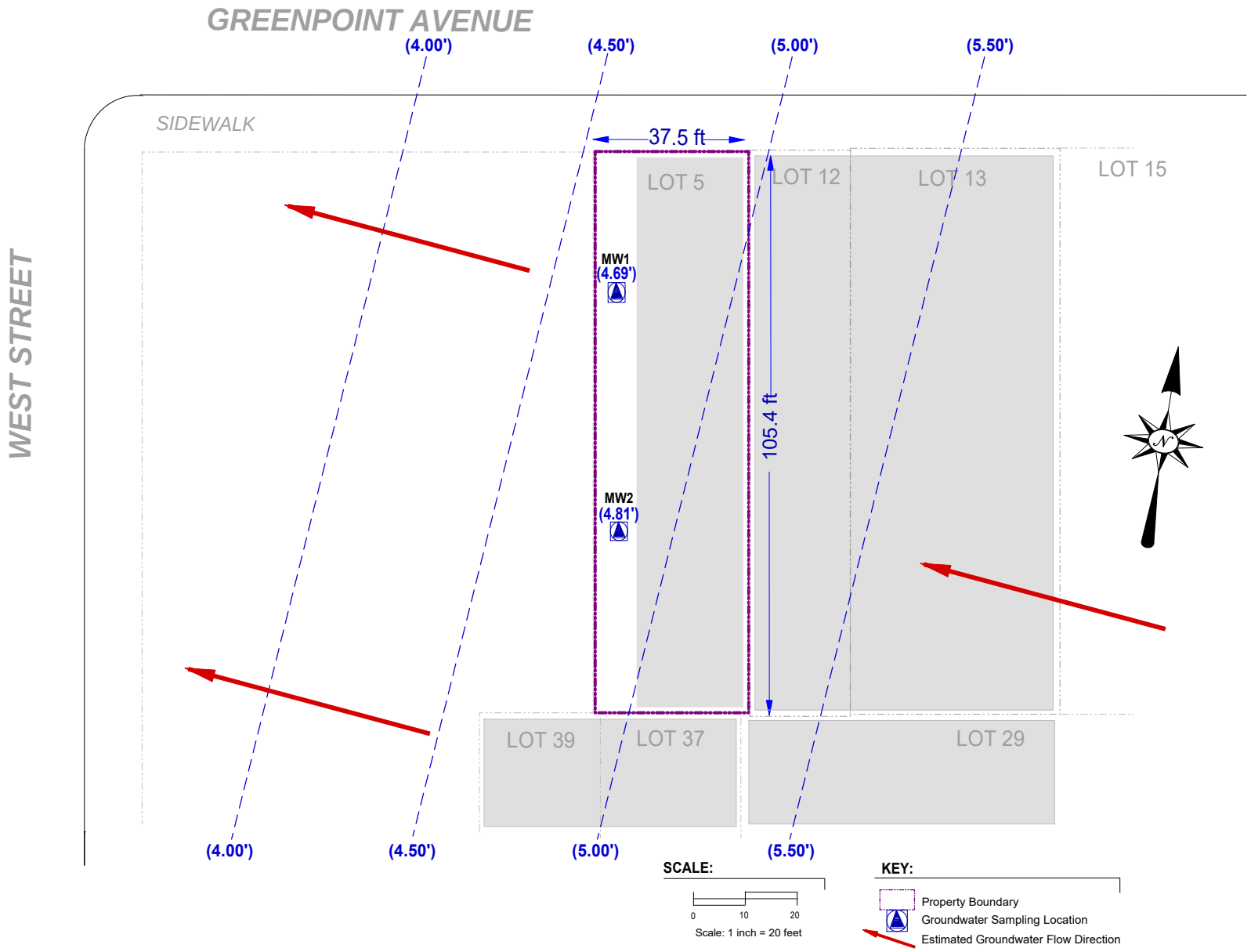
SS2	ug/m3
1,2,4-Trimethylbenzene	7.27
1,3,5-Trimethylbenzene	1.92
4-Ethyltoluene	1.56
4-Methyl-2-pentanone	1.71
Acetone	50.6
Benzene	12
Carbon Disulfide	2.46
Chloroform	6.2
Cyclohexane	10.9
Dichlorodifluromethane	1.57
Ethanol	62.3
Ethylbenzene	7.72
Heptane	17
Hexane	29.7
Isopropylalcohol	2.95
Xylene (m&p)	26.2
Methyl Ethyl Ketone	3.77
Methylene Chloride	3.92
Xylene (o)	8.16
Propylene	8.34
Tetrachloroethene	4.09
Toluene	58
Trichloroethene	2.85

SS3	ug/m3
1,2,4-Trimethylbenzene	13.1
1,3,5-Trimethylbenzene	3.73
1,3-Dichlorobenzene	2.79
4-Ethyltoluene	2.85
4-Methyl-2-pentanone	2.72
Acetone	45.6
Benzene	24.7
Chloroform	14
Cyclohexane	19.6
Dichlorodifluromethane	2.69
Ethanol	108
Ethyl Acetate	1.49
Ethylbenzene	16.6
Heptane	20.2
Hexane	38.4
Isopropylalcohol	5.23
Xylene (m&p)	54.2
Methyl Ethyl Ketone	3.8
Methylene Chloride	5.42
Xylene (o)	17.6
Propylene	2.7
Styrene	1.66
Tetrachloroethene	581
Toluene	119
Trichloroethene	1,140
Trichlorofluoromethane	1.58

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 8

Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVE, BROOKLYN, NY
Drawing Title: SOIL VAPOR/AIR DETECTIONS



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure 9

Site Name: RENOVATION PROJECT
Site Address: 58 GREENPOINT AVE, BROOKLYN, NY
Drawing Title: GROUNDWATER FLOW MAP

APPENDIX A

SOIL BORING LOGS

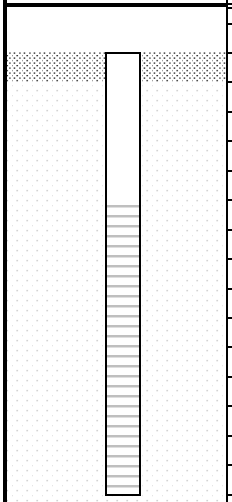
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB1 Boring Log

Location: 25 feet south of the northern property boundary and 10 feet to the east of the western property boundary in the side yard/loading dock area.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: DFX1602	Address: 58 Greenpoint Avenue		Date / DTW	Ground Elevation
			Groundwater depth	Approx. 14-14.5 ft
Drilling Company: C2 Environmental	Method: Geoprobe - Direct Push		9.5-10 ft below grade	Well Specifications
Date Started: 8/10/2016	Date Completed: 8/10/2016			1" PVC
Completion Depth: 15 feet	Geologist Tom Gallo			

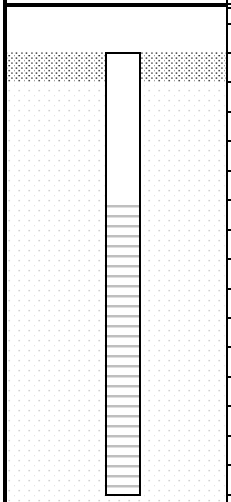
SB1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	32		0.1	8" - Crushed asphalt and concrete pavement 8" - Dark brown-black silty sandy fill material with brick fragments, dry, no odor 16" - Med-coarse brown sand, dry, no odor ***Retained Soil Sample SB1 (0-2')*
	5 to 10	36		0.0	20" - Med-coarse brown sand, dry, no odor 16" - Brown fine sand, damp, no odor
	10 to 15	43		2.7 - 200	9" - Brown, fine-med sand, damp, slight odor 24" - Gray/brown-stained fine sand, wet, suspect odor (highest PID readings) 10" - Brown, fine-med sand, damp, slight odor ***Retained soil sample SB1 (12-14')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB2 Boring Log

Location: 70 feet to the south of the northern property boundary and 10 feet to the east of the western property boundary in the side yard/loading dock area.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: DFX1602	Address: 58 Greenpoint Avenue		Date / DTW	Ground Elevation
			Groundwater depth	Approx. 13 ft
Drilling Company: C2 Environmental	Method: Geoprobe - Direct Push		8-8.5 ft below grade	Well Specifications
Date Started: 8/10/2016	Date Completed: 8/10/2016			1" PVC
Completion Depth: 15 feet	Geologist Tom Gallo			

SB2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	30		3.3	9" - Dark brown-black sandy fill with asphalt and brick fragments, dry, no odor 21" - Brown med-coarse gravelly sand, dry, no odor ***Retained Soil Sample SB2 (0-2')*
	5 to 10	39		93.7	24" - Brown med grain sand, dry, no odor 6" - Brown med-grain sand, damp, slight odor 9" - Gray/brown stained fine sand, damp, suspect odor
	10 to 15	36		97.0	20" - Gray/bown stained fine-med sand, wet, suspect odor 16" - Brown, fine-med sand, wet, slight odor ***Retained soil sample SB2 (9-11')*

APPENDIX B

GROUNDWATER SAMPLING LOGS

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 8/10/2016

Well Depth (from TOC): 15'

Equipment: peristaltic pump.

Static Water Level (from TOC): 9.56'

Height of Water in Well: 5.44'

Gallons of Water per Well Volume: 0.221 gal min purge = 0.663 gal

Flow Rate: 400ml/min. / 0.11 gal/min

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
2:10	0.11gal/min	0.25	7.03	1120	52.1	—	—	—	—	brown, turbid
2:13	↓	0.58	7.06	1245	51.5	—	—	—	—	↓
2:18	↓	1.13	7.05	1098	51.4	—	—	—	—	tan cloudy
2:23	↓	1.68	7.03	1132	51.2	—	—	—	—	tan cloudy
2:28	↓	2.23	7.02	1017	51.0	—	—	—	—	cloudy - clearing
2:33	↓	2.78	7.02	994	50.8	—	—	—	—	slightly cloudy

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Well Depth (from TOC): 15'

Static Water Level (from TOC): 8.09'

Height of Water in Well: 6.91'

Gallons of Water per Well Volume: 0.281 Min. purge = 0.842

Flow Rate: 400ml/min.

Date: 8/10/2016

Equipment: peristaltic pump.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
1:30	0.11gal/min	0.5	7.28	940	51.0	–	–	–	–	brown, turbid
1:33	↓	0.83	7.32	1,357	50.7	–	–	–	–	↓
1:38		1.38	7.29	1,480	50.4	–	–	–	–	↓
1:43		1.93	7.27	1,072	49.8	–	–	–	–	tan, cloudy
1:48		2.48	7.26	972	49.7	–	–	–	–	cloudy - clearing
1:53	↓	3.03	7.24	881	49.5	–	–	–	–	clear

Note 400 ml = 0.11 gallons

APPENDIX C

SOIL VAPOR SAMPLING LOGS

1808 Middle Country Road, Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

800-827-5426
email: greg@phoenixlabs.com

P.O. # Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: rbennett@ebcincny.com; File
☐ Phone #:

Report to: ROB	Invoice to: EBC	Project Name: 58 Greenpoint Ave Brooklyn NY
Customer: EBC	1808 Middle Country Road	Requested Deliverable: RCP ☐ ASP CAT B ☒
Address:	Ridge, NY	MCP ☐ NJ Deliverables ☐
	Sampled by: Eleni Kavvadias	State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
72927	SV1	13641	6.0	-30	-3	564643		12:38pm	2:42pm	7-13-16	-30	-5		X			X
72928	SV2	464	6.0	-30	0	4991		12:41pm	2:47pm	7-13-16	-30	-2		X			X
72929	SV3	12858	6.0	-30	-3	5707		12:45pm	2:57pm	7-13-16	-30	-5		X			X
72930	IA1	12859	6.0	-30	-1	3507		12:42pm	2:49pm	7-13-16	-30	-4	X				X
72931	SV4	19854	6.0	-30	0	6235		12:48pm	2:58pm	7-13-16	-30	-2		X			X
72932	OA1	18851	6.0	-30	-4	3414		12:51pm	2:53pm	7-13-16	-30	-4	X				X
	Did NOT Use	19969	6.0	-30		5030											
	6L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
		7-14-16	11:15
	Caroline	7-14-16	1458

Data Format:
Excel ☒ Equis ☒
PDF ☒ Other:

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

* 5 day TAT

Requested Criteria

Quote Number:

I attest that all media released by Phoe received in good working condition back of this document:

Signature:

APPENDIX D

LABORATORY REPORTS

1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961
PHONE 631.504.6000
FAX 631.924.2870

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90923

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (0-2 FT)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.35	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Aluminum	3590	35	7.0	mg/Kg	10	08/13/16	LK	SW6010C	
Arsenic	1.99	0.70	0.70	mg/Kg	1	08/13/16	LK	SW6010C	
Barium	49.1	0.7	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Beryllium	ND	0.28	0.14	mg/Kg	1	08/13/16	LK	SW6010C	
Calcium	12600	32	29	mg/Kg	10	08/13/16	LK	SW6010C	
Cadmium	ND	0.35	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Cobalt	3.16	0.35	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Chromium	7.73	0.35	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Copper	25.8	0.35	0.35	mg/kg	1	08/13/16	LK	SW6010C	
Iron	7590	3.5	3.5	mg/Kg	1	08/13/16	LK	SW6010C	B
Mercury	0.14	0.03	0.02	mg/Kg	1	08/12/16	RS	SW7471B	
Potassium	671	7	2.7	mg/Kg	1	08/13/16	LK	SW6010C	
Magnesium	4790	3.5	3.5	mg/Kg	1	08/13/16	LK	SW6010C	
Manganese	168	3.2	3.2	mg/Kg	10	08/13/16	LK	SW6010C	
Sodium	133	7	3.0	mg/Kg	1	08/13/16	LK	SW6010C	
Nickel	6.20	0.35	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Lead	47.8	0.7	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Antimony	ND	1.8	1.8	mg/Kg	1	08/13/16	LK	SW6010C	
Selenium	ND	1.4	1.2	mg/Kg	1	08/13/16	LK	SW6010C	
Thallium	ND	1.4	1.4	mg/Kg	1	08/13/16	LK	SW6010C	
Vanadium	11.7	0.35	0.35	mg/Kg	1	08/13/16	LK	SW6010C	
Zinc	165	6.3	3.2	mg/Kg	10	08/13/16	LK	SW6010C	B
Percent Solid	95			%		08/11/16	w	SW846-%Solid	
Soil Extraction for PCB	Completed					08/11/16	JC/V	SW3545A	
Soil Extraction for Pest	Completed					08/11/16	JC/V	SW3545A	
Soil Extraction for SVOA	Completed					08/16/16	UU/UU	SW3545A	
Mercury Digestion	Completed					08/12/16	W/W	SW7471B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (0-2 FT)

Phoenix I.D.: BN90923

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/11/16	X/AG	SW3050B
Field Extraction	Completed					08/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1221	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1232	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1242	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1248	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1254	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1260	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1262	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1268	ND	69	69	ug/Kg	2	08/12/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	85			%	2	08/12/16	AW	40 - 140 %
% TCMX	76			%	2	08/12/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	08/13/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	08/13/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	08/13/16	CE	SW8081B
a-BHC	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
a-Chlordane	ND	3.4	3.4	ug/Kg	2	08/13/16	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	08/13/16	CE	SW8081B
b-BHC	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Chlordane	ND	34	34	ug/Kg	2	08/13/16	CE	SW8081B
d-BHC	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Dieldrin	ND	3.4	3.4	ug/Kg	2	08/13/16	CE	SW8081B
Endosulfan I	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endosulfan II	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endrin	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endrin aldehyde	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endrin ketone	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	08/13/16	CE	SW8081B
g-Chlordane	ND	3.4	3.4	ug/Kg	2	08/13/16	CE	SW8081B
Heptachlor	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	08/13/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	08/13/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	70			%	2	08/13/16	CE	40 - 140 %
% TCMX	74			%	2	08/13/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	320	64	ug/Kg	50	08/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	320	32	ug/Kg	50	08/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	320	64	ug/Kg	50	08/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	320	64	ug/Kg	50	08/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	250	64	ug/Kg	50	08/12/16	JLI	SW8260C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (0-2 FT)

Phoenix I.D.: BN90923

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	77	J	320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		32	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	110	J	320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Hexanone	ND		1600	320	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		1600	320	ug/Kg	50	08/12/16	JLI	SW8260C	
Acetone	ND		320	320	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrylonitrile	ND		640	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Benzene	ND		60	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromobenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromochloromethane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromodichloromethane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromoform	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromomethane	ND		320	130	ug/Kg	50	08/12/16	JLI	SW8260C	
Carbon Disulfide	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Chlorobenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloroethane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloroform	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloromethane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		250	32	ug/Kg	50	08/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Dibromochloromethane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Dibromomethane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Ethylbenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Isopropylbenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
m&p-Xylene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		320	320	ug/Kg	50	08/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		640	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Methylene chloride	ND		320	320	ug/Kg	50	08/12/16	JLI	SW8260C	
Naphthalene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
n-Butylbenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (0-2 FT)

Phoenix I.D.: BN90923

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
o-Xylene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
p-Isopropyltoluene	210	J	320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
sec-Butylbenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Styrene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
tert-Butylbenzene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Tetrachloroethene	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		640	160	ug/Kg	50	08/12/16	JLI	SW8260C	1
Toluene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		190	32	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		640	160	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichloroethene	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND		320	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		320	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Vinyl chloride	ND		32	32	ug/Kg	50	08/12/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	50	08/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	105				%	50	08/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	96				%	50	08/12/16	JLI	70 - 130 %	
% Toluene-d8	96				%	50	08/12/16	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		4800	2600	ug/kg	50	08/12/16	JLI	SW8260C	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1300	64	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrolein	ND		1300	160	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrylonitrile	ND		1300	32	ug/Kg	50	08/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND		6400	1300	ug/Kg	50	08/12/16	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
1,2-Dichlorobenzene	ND		240	97	ug/Kg	1	08/12/16	D/P	SW8270D	
1,2-Diphenylhydrazine	ND		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
1,3-Dichlorobenzene	ND		240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
1,4-Dichlorobenzene	ND		240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
2,4,5-Trichlorophenol	ND		240	190	ug/Kg	1	08/12/16	D/P	SW8270D	
2,4,6-Trichlorophenol	ND		170	110	ug/Kg	1	08/12/16	D/P	SW8270D	
2,4-Dichlorophenol	ND		170	120	ug/Kg	1	08/12/16	D/P	SW8270D	
2,4-Dimethylphenol	ND		240	85	ug/Kg	1	08/12/16	D/P	SW8270D	
2,4-Dinitrophenol	ND		240	240	ug/Kg	1	08/12/16	D/P	SW8270D	
2,4-Dinitrotoluene	ND		170	140	ug/Kg	1	08/12/16	D/P	SW8270D	
2,6-Dinitrotoluene	ND		170	110	ug/Kg	1	08/12/16	D/P	SW8270D	
2-Chloronaphthalene	ND		240	98	ug/Kg	1	08/12/16	D/P	SW8270D	
2-Chlorophenol	ND		240	98	ug/Kg	1	08/12/16	D/P	SW8270D	
2-Methylnaphthalene	210	J	240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	08/12/16	D/P	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	08/12/16	D/P	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (0-2 FT)

Phoenix I.D.: BN90923

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitrophenol	ND		240	220	ug/Kg	1	08/12/16	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	08/12/16	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	08/12/16	D/P	SW8270D	
3-Nitroaniline	ND		340	690	ug/Kg	1	08/12/16	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	69	ug/Kg	1	08/12/16	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	08/12/16	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
4-Nitroaniline	ND		340	120	ug/Kg	1	08/12/16	D/P	SW8270D	
4-Nitrophenol	ND		340	160	ug/Kg	1	08/12/16	D/P	SW8270D	
Acenaphthene	230	J	240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
Acenaphthylene	ND		240	96	ug/Kg	1	08/12/16	D/P	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Aniline	ND		280	280	ug/Kg	1	08/12/16	D/P	SW8270D	
Anthracene	360		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Benz(a)anthracene	490		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
Benzidine	ND		340	200	ug/Kg	1	08/12/16	D/P	SW8270D	
Benzo(a)pyrene	340		170	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Benzo(b)fluoranthene	340		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
Benzo(ghi)perylene	170	J	240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Benzo(k)fluoranthene	270		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	08/12/16	D/P	SW8270D	1
Benzyl butyl phthalate	ND		240	89	ug/Kg	1	08/12/16	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	95	ug/Kg	1	08/12/16	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		170	93	ug/Kg	1	08/12/16	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	96	ug/Kg	1	08/12/16	D/P	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		240	99	ug/Kg	1	08/12/16	D/P	SW8270D	
Carbazole	160	J	170	140	ug/Kg	1	08/12/16	D/P	SW8270D	
Chrysene	510		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Dibenzofuran	170	J	240	100	ug/Kg	1	08/12/16	D/P	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	08/12/16	D/P	SW8270D	
Di-n-octylphthalate	ND		240	89	ug/Kg	1	08/12/16	D/P	SW8270D	
Fluoranthene	1100		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Fluorene	220	J	240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	08/12/16	D/P	SW8270D	
Hexachlorobutadiene	ND		240	120	ug/Kg	1	08/12/16	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	08/12/16	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	200	J	240	110	ug/Kg	1	08/12/16	D/P	SW8270D	
Isophorone	ND		1500	1500	ug/Kg	1	08/12/16	D/P	SW8270D	
Naphthalene	ND		240	99	ug/Kg	1	08/12/16	D/P	SW8270D	
Nitrobenzene	ND		170	120	ug/Kg	1	08/12/16	D/P	SW8270D	
N-Nitrosodimethylamine	ND		240	97	ug/Kg	1	08/12/16	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	08/12/16	D/P	SW8270D	
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	08/12/16	D/P	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (0-2 FT)

Phoenix I.D.: BN90923

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/12/16	D/P	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	08/12/16	D/P	SW8270D
Phenanthrene	1400	240	99	ug/Kg	1	08/12/16	D/P	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/12/16	D/P	SW8270D
Pyrene	910	240	120	ug/Kg	1	08/12/16	D/P	SW8270D
Pyridine	ND	240	85	ug/Kg	1	08/12/16	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	59			%	1	08/12/16	D/P	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/12/16	D/P	30 - 130 %
% 2-Fluorophenol	43			%	1	08/12/16	D/P	30 - 130 %
% Nitrobenzene-d5	87			%	1	08/12/16	D/P	30 - 130 %
% Phenol-d5	74			%	1	08/12/16	D/P	30 - 130 %
% Terphenyl-d14	70			%	1	08/12/16	D/P	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90924

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (9-11 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Aluminum	5240		39	7.8	mg/Kg	10	08/13/16	LK	SW6010C	
Arsenic	1.31		0.78	0.78	mg/Kg	1	08/13/16	LK	SW6010C	
Barium	29.1		0.8	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Beryllium	0.24	B	0.31	0.16	mg/Kg	1	08/13/16	LK	SW6010C	
Calcium	1390		3.9	3.6	mg/Kg	1	08/13/16	LK	SW6010C	
Cadmium	ND		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Cobalt	5.03		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Chromium	11.3		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Copper	12.4		0.39	0.39	mg/kg	1	08/13/16	LK	SW6010C	
Iron	10300		39	39	mg/Kg	10	08/13/16	LK	SW6010C	B
Mercury	ND		0.03	0.02	mg/Kg	1	08/12/16	RS	SW7471B	
Potassium	1190		8	3.1	mg/Kg	1	08/13/16	LK	SW6010C	
Magnesium	2540		3.9	3.9	mg/Kg	1	08/13/16	LK	SW6010C	
Manganese	72.3		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Sodium	177		8	3.4	mg/Kg	1	08/13/16	LK	SW6010C	
Nickel	10.4		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Lead	2.8		0.8	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Antimony	ND		2.0	2.0	mg/Kg	1	08/13/16	LK	SW6010C	
Selenium	ND		1.6	1.3	mg/Kg	1	08/13/16	LK	SW6010C	
Thallium	ND		1.6	1.6	mg/Kg	1	08/13/16	LK	SW6010C	
Vanadium	17.3		0.39	0.39	mg/Kg	1	08/13/16	LK	SW6010C	
Zinc	27.4		0.8	0.39	mg/Kg	1	08/13/16	LK	SW6010C	B
Percent Solid	85				%		08/11/16	w	SW846-%Solid	
Soil Extraction for PCB	Completed						08/11/16	JC/V	SW3545A	
Soil Extraction for Pest	Completed						08/11/16	JC/V	SW3545A	
Soil Extraction for SVOA	Completed						08/12/16	JJ/CKV	SW3545A	
Mercury Digestion	Completed						08/12/16	W/W	SW7471B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/11/16	X/AG	SW3050B
Field Extraction	Completed					08/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1221	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1232	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1242	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1248	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1254	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1260	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1262	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
PCB-1268	ND	77	77	ug/Kg	2	08/16/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	136			%	2	08/16/16	AW	40 - 140 %
% TCMX	70			%	2	08/16/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/15/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/15/16	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/15/16	CE	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	08/15/16	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	08/15/16	CE	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	08/15/16	CE	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	08/15/16	CE	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/15/16	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	08/15/16	CE	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	08/15/16	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	08/15/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/15/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	81			%	2	08/15/16	CE	40 - 140 %
% TCMX	69			%	2	08/15/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1500	300	ug/Kg	250	08/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	150	ug/Kg	250	08/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	1500	300	ug/Kg	250	08/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	1500	300	ug/Kg	250	08/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	270	300	ug/Kg	250	08/13/16	JLI	SW8260C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (9-11 FT)

Phoenix I.D.: BN90924

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		330	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,1-Dichloropropene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2-Dibromoethane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2-Dichloroethane	ND		150	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,2-Dichloropropane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
1,3-Dichloropropane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
2,2-Dichloropropane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
2-Chlorotoluene	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
2-Hexanone	ND		7600	1500	ug/Kg	250	08/13/16	JLI	SW8260C	
2-Isopropyltoluene	640	J	1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	1
4-Chlorotoluene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		7600	1500	ug/Kg	250	08/13/16	JLI	SW8260C	
Acetone	ND		1500	1500	ug/Kg	250	08/13/16	JLI	SW8260C	
Acrylonitrile	ND		3000	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Benzene	ND		150	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Bromobenzene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Bromochloromethane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Bromodichloromethane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Bromoform	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Bromomethane	ND		1500	610	ug/Kg	250	08/13/16	JLI	SW8260C	
Carbon Disulfide	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Carbon tetrachloride	ND		760	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Chlorobenzene	ND		1100	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Chloroethane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Chloroform	ND		370	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Chloromethane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		250	150	ug/Kg	250	08/13/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Dibromochloromethane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Dibromomethane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Ethylbenzene	ND		1000	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Hexachlorobutadiene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Isopropylbenzene	880	J	1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
m&p-Xylene	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		1500	1500	ug/Kg	250	08/13/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		930	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Methylene chloride	ND		1500	1500	ug/Kg	250	08/13/16	JLI	SW8260C	
Naphthalene	11000		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
n-Butylbenzene	2400		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	1900		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
o-Xylene	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
p-Isopropyltoluene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
sec-Butylbenzene	2700		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Styrene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
tert-Butylbenzene	200	J	1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Tetrachloroethene	ND		1300	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		3000	760	ug/Kg	250	08/13/16	JLI	SW8260C	1
Toluene	ND		700	150	ug/Kg	250	08/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		190	150	ug/Kg	250	08/13/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		3000	760	ug/Kg	250	08/13/16	JLI	SW8260C	
Trichloroethene	ND		470	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Trichlorofluoromethane	ND		1500	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		1500	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Vinyl chloride	ND		150	150	ug/Kg	250	08/13/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	250	08/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	99				%	250	08/13/16	JLI	70 - 130 %	
% Dibromofluoromethane	97				%	250	08/13/16	JLI	70 - 130 %	
% Toluene-d8	98				%	250	08/13/16	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		23000	12000	ug/kg	250	08/13/16	JLI	SW8260C	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		6100	300	ug/Kg	250	08/13/16	JLI	SW8260C	
Acrolein	ND		6100	760	ug/Kg	250	08/13/16	JLI	SW8260C	
Acrylonitrile	ND		6100	150	ug/Kg	250	08/13/16	JLI	SW8260C	
Tert-butyl alcohol	ND		30000	6100	ug/Kg	250	08/13/16	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		2700	2100	ug/Kg	10	08/15/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		1900	1200	ug/Kg	10	08/15/16	DD	SW8270D	
2,4-Dichlorophenol	ND		1900	1300	ug/Kg	10	08/15/16	DD	SW8270D	
2,4-Dimethylphenol	ND		2700	950	ug/Kg	10	08/15/16	DD	SW8270D	
2,4-Dinitrophenol	ND		2700	2700	ug/Kg	10	08/15/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		1900	1500	ug/Kg	10	08/15/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		1900	1200	ug/Kg	10	08/15/16	DD	SW8270D	
2-Chloronaphthalene	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
2-Chlorophenol	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
2-Methylnaphthalene	11000		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		2700	1800	ug/Kg	10	08/15/16	DD	SW8270D	
2-Nitroaniline	ND		2700	2700	ug/Kg	10	08/15/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (9-11 FT)

Phoenix I.D.: BN90924

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitrophenol	ND		2700	2400	ug/Kg	10	08/15/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		2700	1500	ug/Kg	10	08/15/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		1900	1800	ug/Kg	10	08/15/16	DD	SW8270D	
3-Nitroaniline	ND		3800	7600	ug/Kg	10	08/15/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		2300	760	ug/Kg	10	08/15/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
4-Chloroaniline	ND		3100	1800	ug/Kg	10	08/15/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
4-Nitroaniline	ND		3800	1300	ug/Kg	10	08/15/16	DD	SW8270D	
4-Nitrophenol	ND		3800	1700	ug/Kg	10	08/15/16	DD	SW8270D	
Acenaphthene	1300	J	2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Acenaphthylene	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Acetophenone	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Aniline	ND		3100	3100	ug/Kg	10	08/15/16	DD	SW8270D	
Anthracene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Benz(a)anthracene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Benzidine	ND		3800	2200	ug/Kg	10	08/15/16	DD	SW8270D	
Benzo(a)pyrene	ND		1900	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Benzo(b)fluoranthene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Benzo(ghi)perylene	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Benzo(k)fluoranthene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Benzoic acid	ND		19000	7600	ug/Kg	10	08/15/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		2700	990	ug/Kg	10	08/15/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		1900	1000	ug/Kg	10	08/15/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Carbazole	ND		1900	1500	ug/Kg	10	08/15/16	DD	SW8270D	
Chrysene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		1900	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Dibenzofuran	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Diethyl phthalate	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Dimethylphthalate	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Di-n-butylphthalate	ND		2700	1000	ug/Kg	10	08/15/16	DD	SW8270D	
Di-n-octylphthalate	ND		2700	990	ug/Kg	10	08/15/16	DD	SW8270D	
Fluoranthene	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Fluorene	2700		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Hexachlorobenzene	ND		1900	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Hexachlorobutadiene	ND		2700	1400	ug/Kg	10	08/15/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		2700	1200	ug/Kg	10	08/15/16	DD	SW8270D	
Hexachloroethane	ND		1900	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		2700	1300	ug/Kg	10	08/15/16	DD	SW8270D	
Isophorone	ND		1900	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Naphthalene	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
Nitrobenzene	ND		1900	1300	ug/Kg	10	08/15/16	DD	SW8270D	
N-Nitrosodimethylamine	ND		2700	1100	ug/Kg	10	08/15/16	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND		1900	1200	ug/Kg	10	08/15/16	DD	SW8270D	
N-Nitrosodiphenylamine	ND		2700	1500	ug/Kg	10	08/15/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB2 (9-11 FT)

Phoenix I.D.: BN90924

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachloronitrobenzene	ND	2700	1400	ug/Kg	10	08/15/16	DD	SW8270D
Pentachlorophenol	ND	2300	1400	ug/Kg	10	08/15/16	DD	SW8270D
Phenanthrene	3900	2700	1100	ug/Kg	10	08/15/16	DD	SW8270D
Phenol	ND	2700	1200	ug/Kg	10	08/15/16	DD	SW8270D
Pyrene	ND	2700	1300	ug/Kg	10	08/15/16	DD	SW8270D
Pyridine	ND	2700	940	ug/Kg	10	08/15/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	120			%	10	08/15/16	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	10	08/15/16	DD	30 - 130 %
% 2-Fluorophenol	65			%	10	08/15/16	DD	30 - 130 %
% Nitrobenzene-d5	74			%	10	08/15/16	DD	30 - 130 %
% Phenol-d5	71			%	10	08/15/16	DD	30 - 130 %
% Terphenyl-d14	78			%	10	08/15/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

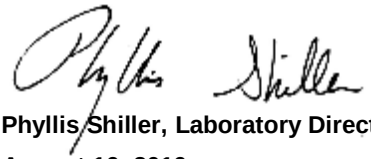
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90925

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (0-2 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.36	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Aluminum	4690		36	7.2	mg/Kg	10	08/13/16	LK	SW6010C	
Arsenic	7.50		0.72	0.72	mg/Kg	1	08/13/16	LK	SW6010C	
Barium	100		0.7	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Beryllium	0.23	B	0.29	0.14	mg/Kg	1	08/13/16	LK	SW6010C	
Calcium	15300		36	33	mg/Kg	10	08/13/16	LK	SW6010C	
Cadmium	0.85		0.36	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Cobalt	6.58		0.36	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Chromium	11.9		0.36	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Copper	124		0.36	0.36	mg/kg	1	08/13/16	LK	SW6010C	
Iron	15500		36	36	mg/Kg	10	08/13/16	LK	SW6010C	B
Mercury	1.46		0.03	0.02	mg/Kg	1	08/12/16	RS	SW7471B	
Potassium	881		7	2.8	mg/Kg	1	08/13/16	LK	SW6010C	
Magnesium	2340		3.6	3.6	mg/Kg	1	08/13/16	LK	SW6010C	
Manganese	291		3.6	3.6	mg/Kg	10	08/13/16	LK	SW6010C	
Sodium	193		7	3.1	mg/Kg	1	08/13/16	LK	SW6010C	
Nickel	10.5		0.36	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Lead	201		7.2	3.6	mg/Kg	10	08/13/16	LK	SW6010C	
Antimony	3.9		1.8	1.8	mg/Kg	1	08/13/16	LK	SW6010C	
Selenium	ND		1.4	1.2	mg/Kg	1	08/13/16	LK	SW6010C	
Thallium	ND		1.4	1.4	mg/Kg	1	08/13/16	LK	SW6010C	
Vanadium	15.0		0.36	0.36	mg/Kg	1	08/13/16	LK	SW6010C	
Zinc	907		7.2	3.6	mg/Kg	10	08/13/16	LK	SW6010C	B
Percent Solid	90				%		08/11/16	w	SW846-%Solid	
Soil Extraction for PCB	Completed						08/11/16	JC/V	SW3545A	
Soil Extraction for Pest	Completed						08/11/16	JC/V	SW3545A	
Soil Extraction for SVOA	Completed						08/16/16	UU/UU	SW3545A	
Mercury Digestion	Completed						08/12/16	W/W	SW7471B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (0-2 FT)

Phoenix I.D.: BN90925

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/11/16	X/AG	SW3050B
Field Extraction	Completed					08/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1221	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1232	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1242	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1248	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1254	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1260	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1262	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1268	ND	73	73	ug/Kg	2	08/12/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	81			%	2	08/12/16	AW	40 - 140 %
% TCMX	75			%	2	08/12/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.2	2.2	ug/Kg	2	08/12/16	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	08/12/16	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	08/12/16	CE	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	08/12/16	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	08/12/16	CE	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	08/12/16	CE	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	08/12/16	CE	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/12/16	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	08/12/16	CE	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	08/12/16	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	08/12/16	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/12/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	101			%	2	08/12/16	CE	40 - 140 %
% TCMX	74			%	2	08/12/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (0-2 FT)

Phoenix I.D.: BN90925

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	38	J	290	29	ug/Kg	50	08/13/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
2-Hexanone	ND		26	5.2	ug/Kg	1	08/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		26	5.2	ug/Kg	1	08/12/16	JLI	SW8260C	
Acetone	16	JS	50	5.2	ug/Kg	1	08/12/16	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Benzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromobenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromochloromethane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromodichloromethane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromoform	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromomethane	ND		5.2	2.1	ug/Kg	1	08/12/16	JLI	SW8260C	
Carbon Disulfide	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Chlorobenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Chloroethane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Chloroform	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Chloromethane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Dibromochloromethane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Dibromomethane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Ethylbenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Isopropylbenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
m&p-Xylene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		31	5.2	ug/Kg	1	08/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Methylene chloride	ND		5.2	5.2	ug/Kg	1	08/12/16	JLI	SW8260C	
Naphthalene	2800		290	59	ug/Kg	50	08/13/16	JLI	SW8260C	
n-Butylbenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (0-2 FT)

Phoenix I.D.: BN90925

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
o-Xylene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
sec-Butylbenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Styrene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
tert-Butylbenzene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Tetrachloroethene	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		10	2.6	ug/Kg	1	08/12/16	JLI	SW8260C	1
Toluene	44	J	290	29	ug/Kg	50	08/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		10	2.6	ug/Kg	1	08/12/16	JLI	SW8260C	
Trichloroethene	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND		5.2	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Vinyl chloride	ND		5.2	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	106				%	1	08/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	82				%	1	08/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	101				%	1	08/12/16	JLI	70 - 130 %	
% Toluene-d8	97				%	1	08/12/16	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		78	42	ug/kg	1	08/12/16	JLI	SW8260C	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		21	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Acrolein	ND		21	2.6	ug/Kg	1	08/12/16	JLI	SW8260C	
Acrylonitrile	ND		21	0.52	ug/Kg	1	08/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND		100	21	ug/Kg	1	08/12/16	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	1	08/16/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	1	08/16/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	1	08/16/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		190	120	ug/Kg	1	08/16/16	DD	SW8270D	
2,4-Dichlorophenol	ND		190	130	ug/Kg	1	08/16/16	DD	SW8270D	
2,4-Dimethylphenol	ND		260	92	ug/Kg	1	08/16/16	DD	SW8270D	
2,4-Dinitrophenol	ND		260	260	ug/Kg	1	08/16/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		190	150	ug/Kg	1	08/16/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		190	120	ug/Kg	1	08/16/16	DD	SW8270D	
2-Chloronaphthalene	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
2-Chlorophenol	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
2-Methylnaphthalene	130	J	260	110	ug/Kg	1	08/16/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	1	08/16/16	DD	SW8270D	
2-Nitroaniline	ND		260	260	ug/Kg	1	08/16/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (0-2 FT)

Phoenix I.D.: BN90925

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitrophenol	ND		260	230	ug/Kg	1	08/16/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	1	08/16/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		190	170	ug/Kg	1	08/16/16	DD	SW8270D	
3-Nitroaniline	ND		370	740	ug/Kg	1	08/16/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		220	74	ug/Kg	1	08/16/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	08/16/16	DD	SW8270D	
4-Chloroaniline	ND		300	170	ug/Kg	1	08/16/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
4-Nitroaniline	ND		370	120	ug/Kg	1	08/16/16	DD	SW8270D	
4-Nitrophenol	ND		370	170	ug/Kg	1	08/16/16	DD	SW8270D	
Acenaphthene	410		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	08/16/16	DD	SW8270D	
Acetophenone	ND		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Aniline	ND		300	300	ug/Kg	1	08/16/16	DD	SW8270D	
Anthracene	800		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Benz(a)anthracene	1900		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Benzidine	ND		370	220	ug/Kg	1	08/16/16	DD	SW8270D	
Benzo(a)pyrene	1700		190	120	ug/Kg	1	08/16/16	DD	SW8270D	
Benzo(b)fluoranthene	1500		260	130	ug/Kg	1	08/16/16	DD	SW8270D	
Benzo(ghi)perylene	920		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Benzo(k)fluoranthene	1500		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Benzoic acid	ND		1900	740	ug/Kg	1	08/16/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		260	96	ug/Kg	1	08/16/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	08/16/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		190	100	ug/Kg	1	08/16/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	08/16/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
Carbazole	380		190	150	ug/Kg	1	08/16/16	DD	SW8270D	
Chrysene	2100		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Dibenz(a,h)anthracene	260		190	120	ug/Kg	1	08/16/16	DD	SW8270D	
Dibenzofuran	260		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Dimethylphthalate	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
Di-n-butylphthalate	ND		260	99	ug/Kg	1	08/16/16	DD	SW8270D	
Di-n-octylphthalate	ND		260	96	ug/Kg	1	08/16/16	DD	SW8270D	
Fluoranthene	4600		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Fluorene	290		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Hexachlorobenzene	ND		190	110	ug/Kg	1	08/16/16	DD	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	08/16/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	08/16/16	DD	SW8270D	
Hexachloroethane	ND		190	110	ug/Kg	1	08/16/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	1000		260	120	ug/Kg	1	08/16/16	DD	SW8270D	
Isophorone	ND		190	100	ug/Kg	1	08/16/16	DD	SW8270D	
Naphthalene	220	J	260	110	ug/Kg	1	08/16/16	DD	SW8270D	
Nitrobenzene	ND		190	130	ug/Kg	1	08/16/16	DD	SW8270D	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	1	08/16/16	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND		190	120	ug/Kg	1	08/16/16	DD	SW8270D	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	1	08/16/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (0-2 FT)

Phoenix I.D.: BN90925

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	08/16/16	DD	SW8270D
Pentachlorophenol	ND	220	140	ug/Kg	1	08/16/16	DD	SW8270D
Phenanthrene	3900	260	110	ug/Kg	1	08/16/16	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	08/16/16	DD	SW8270D
Pyrene	3800	260	130	ug/Kg	1	08/16/16	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	08/16/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	88			%	1	08/16/16	DD	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	08/16/16	DD	30 - 130 %
% 2-Fluorophenol	66			%	1	08/16/16	DD	30 - 130 %
% Nitrobenzene-d5	77			%	1	08/16/16	DD	30 - 130 %
% Phenol-d5	75			%	1	08/16/16	DD	30 - 130 %
% Terphenyl-d14	68			%	1	08/16/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90926

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (12-14 FT)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Aluminum	6120		42	8.4	mg/Kg	10	08/13/16	LK	SW6010C	
Arsenic	1.63		0.84	0.84	mg/Kg	1	08/13/16	LK	SW6010C	
Barium	38.3		0.8	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Beryllium	0.28	B	0.34	0.17	mg/Kg	1	08/13/16	LK	SW6010C	
Calcium	1900		4.2	3.9	mg/Kg	1	08/13/16	LK	SW6010C	
Cadmium	ND		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Cobalt	6.39		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Chromium	12.3		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Copper	10.6		0.42	0.42	mg/kg	1	08/13/16	LK	SW6010C	
Iron	12500		42	42	mg/Kg	10	08/13/16	LK	SW6010C	B
Mercury	ND		0.03	0.02	mg/Kg	1	08/12/16	RS	SW7471B	
Potassium	1620		8	3.3	mg/Kg	1	08/13/16	LK	SW6010C	
Magnesium	3620		4.2	4.2	mg/Kg	1	08/13/16	LK	SW6010C	
Manganese	163		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Sodium	245		8	3.6	mg/Kg	1	08/13/16	LK	SW6010C	
Nickel	13.3		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Lead	3.3		0.8	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Antimony	ND		2.1	2.1	mg/Kg	1	08/13/16	LK	SW6010C	
Selenium	ND		1.7	1.4	mg/Kg	1	08/13/16	LK	SW6010C	
Thallium	ND		1.7	1.7	mg/Kg	1	08/13/16	LK	SW6010C	
Vanadium	19.5		0.42	0.42	mg/Kg	1	08/13/16	LK	SW6010C	
Zinc	33.2		0.8	0.42	mg/Kg	1	08/13/16	LK	SW6010C	B
Percent Solid	85				%		08/11/16	w	SW846-%Solid	
Soil Extraction for PCB	Completed						08/11/16	JC/V	SW3545A	
Soil Extraction for Pest	Completed						08/11/16	JC/V	SW3545A	
Soil Extraction for SVOA	Completed						08/12/16	JJ/CKV	SW3545A	
Mercury Digestion	Completed						08/12/16	W/W	SW7471B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (12-14 FT)

Phoenix I.D.: BN90926

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/11/16	X/AG	SW3050B
Field Extraction	Completed					08/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1221	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1232	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1242	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1248	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1254	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1260	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1262	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
PCB-1268	ND	78	78	ug/Kg	2	08/12/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	82			%	2	08/12/16	AW	40 - 140 %
% TCMX	53			%	2	08/12/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/15/16	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/15/16	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/15/16	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	08/15/16	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/15/16	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	08/15/16	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/15/16	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	08/15/16	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	08/15/16	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	08/15/16	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/15/16	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	08/15/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	08/15/16	CE	40 - 140 %
% TCMX	51			%	2	08/15/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2900	580	ug/Kg	500	08/13/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	680	290	ug/Kg	500	08/13/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	2900	580	ug/Kg	500	08/13/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	2900	580	ug/Kg	500	08/13/16	JLI	SW8260C
1,1-Dichloroethane	ND	580	580	ug/Kg	500	08/13/16	JLI	SW8260C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (12-14 FT)

Phoenix I.D.: BN90926

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		330	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,1-Dichloropropene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	28000		5700	570	ug/Kg	1000	08/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2-Dibromoethane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		1100	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2-Dichloroethane	ND		290	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,2-Dichloropropane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		2400	290	ug/Kg	500	08/13/16	JLI	SW8260C	
1,3-Dichloropropane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		1800	290	ug/Kg	500	08/13/16	JLI	SW8260C	
2,2-Dichloropropane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
2-Chlorotoluene	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
2-Hexanone	ND		15000	2900	ug/Kg	500	08/13/16	JLI	SW8260C	
2-Isopropyltoluene	1000	J	2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	1
4-Chlorotoluene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		15000	2900	ug/Kg	500	08/13/16	JLI	SW8260C	
Acetone	ND		2900	2900	ug/Kg	500	08/13/16	JLI	SW8260C	
Acrylonitrile	ND		5800	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Benzene	ND		290	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Bromobenzene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Bromochloromethane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Bromodichloromethane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Bromoform	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Bromomethane	ND		2900	1200	ug/Kg	500	08/13/16	JLI	SW8260C	
Carbon Disulfide	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Carbon tetrachloride	ND		760	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Chlorobenzene	ND		1100	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Chloroethane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Chloroform	ND		370	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Chloromethane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		290	290	ug/Kg	500	08/13/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Dibromochloromethane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Dibromomethane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Ethylbenzene	1300	J	2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Hexachlorobutadiene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Isopropylbenzene	1900	J	2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
m&p-Xylene	900	J	2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		2900	2900	ug/Kg	500	08/13/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		930	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Methylene chloride	ND		2900	2900	ug/Kg	500	08/13/16	JLI	SW8260C	
Naphthalene	19000		5700	1100	ug/Kg	1000	08/12/16	JLI	SW8260C	
n-Butylbenzene	3800		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	3700		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
o-Xylene	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
p-Isopropyltoluene	3700		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
sec-Butylbenzene	4800		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Styrene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
tert-Butylbenzene	340	J	2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Tetrachloroethene	ND		1300	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		5800	1500	ug/Kg	500	08/13/16	JLI	SW8260C	1
Toluene	ND		700	290	ug/Kg	500	08/13/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		290	290	ug/Kg	500	08/13/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		5800	1500	ug/Kg	500	08/13/16	JLI	SW8260C	
Trichloroethene	ND		470	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Trichlorofluoromethane	ND		2900	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		2900	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Vinyl chloride	ND		290	290	ug/Kg	500	08/13/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	500	08/13/16	JLI	70 - 130 %	
% Bromofluorobenzene	97				%	500	08/13/16	JLI	70 - 130 %	
% Dibromofluoromethane	100				%	500	08/13/16	JLI	70 - 130 %	
% Toluene-d8	98				%	500	08/13/16	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		44000	23000	ug/kg	500	08/13/16	JLI	SW8260C	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		12000	580	ug/Kg	500	08/13/16	JLI	SW8260C	
Acrolein	ND		12000	1500	ug/Kg	500	08/13/16	JLI	SW8260C	
Acrylonitrile	ND		12000	290	ug/Kg	500	08/13/16	JLI	SW8260C	
Tert-butyl alcohol	ND		58000	12000	ug/Kg	500	08/13/16	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		5300	2700	ug/Kg	20	08/15/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		5300	2300	ug/Kg	20	08/15/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		5300	2100	ug/Kg	20	08/15/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		5300	2300	ug/Kg	20	08/15/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		5300	2300	ug/Kg	20	08/15/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		5300	4200	ug/Kg	20	08/15/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		3800	2400	ug/Kg	20	08/15/16	DD	SW8270D	
2,4-Dichlorophenol	ND		3800	2700	ug/Kg	20	08/15/16	DD	SW8270D	
2,4-Dimethylphenol	ND		5300	1900	ug/Kg	20	08/15/16	DD	SW8270D	
2,4-Dinitrophenol	ND		5300	5300	ug/Kg	20	08/15/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		3800	3000	ug/Kg	20	08/15/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		3800	2400	ug/Kg	20	08/15/16	DD	SW8270D	
2-Chloronaphthalene	ND		5300	2200	ug/Kg	20	08/15/16	DD	SW8270D	
2-Chlorophenol	ND		5300	2200	ug/Kg	20	08/15/16	DD	SW8270D	
2-Methylnaphthalene	26000		5300	2300	ug/Kg	20	08/15/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		5300	3600	ug/Kg	20	08/15/16	DD	SW8270D	
2-Nitroaniline	ND		5300	5300	ug/Kg	20	08/15/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (12-14 FT)

Phoenix I.D.: BN90926

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitrophenol	ND	5300	4800	ug/Kg	20	08/15/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	5300	3000	ug/Kg	20	08/15/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND	3800	3600	ug/Kg	20	08/15/16	DD	SW8270D	
3-Nitroaniline	ND	7600	15000	ug/Kg	20	08/15/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND	4600	1500	ug/Kg	20	08/15/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND	5300	2200	ug/Kg	20	08/15/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND	5300	2700	ug/Kg	20	08/15/16	DD	SW8270D	
4-Chloroaniline	ND	6100	3500	ug/Kg	20	08/15/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND	5300	2600	ug/Kg	20	08/15/16	DD	SW8270D	
4-Nitroaniline	ND	7600	2500	ug/Kg	20	08/15/16	DD	SW8270D	
4-Nitrophenol	ND	7600	3400	ug/Kg	20	08/15/16	DD	SW8270D	
Acenaphthene	ND	5300	2300	ug/Kg	20	08/15/16	DD	SW8270D	
Acenaphthylene	ND	5300	2100	ug/Kg	20	08/15/16	DD	SW8270D	
Acetophenone	ND	5300	2400	ug/Kg	20	08/15/16	DD	SW8270D	
Aniline	ND	6100	6100	ug/Kg	20	08/15/16	DD	SW8270D	
Anthracene	ND	5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Benz(a)anthracene	ND	5300	2600	ug/Kg	20	08/15/16	DD	SW8270D	
Benzidine	ND	7600	4500	ug/Kg	20	08/15/16	DD	SW8270D	
Benzo(a)pyrene	ND	3800	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Benzo(b)fluoranthene	ND	5300	2600	ug/Kg	20	08/15/16	DD	SW8270D	
Benzo(ghi)perylene	ND	5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Benzo(k)fluoranthene	ND	5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Benzoic acid	ND	38000	15000	ug/Kg	20	08/15/16	DD	SW8270D	1
Benzyl butyl phthalate	ND	5300	2000	ug/Kg	20	08/15/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND	5300	2100	ug/Kg	20	08/15/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND	3800	2100	ug/Kg	20	08/15/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND	5300	2100	ug/Kg	20	08/15/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	5300	2200	ug/Kg	20	08/15/16	DD	SW8270D	
Carbazole	ND	3800	3000	ug/Kg	20	08/15/16	DD	SW8270D	
Chrysene	ND	5300	2600	ug/Kg	20	08/15/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND	3800	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Dibenzofuran	ND	5300	2200	ug/Kg	20	08/15/16	DD	SW8270D	
Diethyl phthalate	ND	5300	2400	ug/Kg	20	08/15/16	DD	SW8270D	
Dimethylphthalate	ND	5300	2400	ug/Kg	20	08/15/16	DD	SW8270D	
Di-n-butylphthalate	ND	5300	2000	ug/Kg	20	08/15/16	DD	SW8270D	
Di-n-octylphthalate	ND	5300	2000	ug/Kg	20	08/15/16	DD	SW8270D	
Fluoranthene	ND	5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Fluorene	ND	5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Hexachlorobenzene	ND	3800	2200	ug/Kg	20	08/15/16	DD	SW8270D	
Hexachlorobutadiene	ND	5300	2800	ug/Kg	20	08/15/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND	5300	2300	ug/Kg	20	08/15/16	DD	SW8270D	
Hexachloroethane	ND	3800	2300	ug/Kg	20	08/15/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	5300	2500	ug/Kg	20	08/15/16	DD	SW8270D	
Isophorone	ND	3800	2100	ug/Kg	20	08/15/16	DD	SW8270D	
Naphthalene	ND	5300	2200	ug/Kg	20	08/15/16	DD	SW8270D	
Nitrobenzene	ND	3800	2700	ug/Kg	20	08/15/16	DD	SW8270D	
N-Nitrosodimethylamine	ND	5300	2100	ug/Kg	20	08/15/16	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND	3800	2500	ug/Kg	20	08/15/16	DD	SW8270D	
N-Nitrosodiphenylamine	ND	5300	2900	ug/Kg	20	08/15/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SB1 (12-14 FT)

Phoenix I.D.: BN90926

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachloronitrobenzene	ND	5300	2800	ug/Kg	20	08/15/16	DD	SW8270D
Pentachlorophenol	ND	4600	2900	ug/Kg	20	08/15/16	DD	SW8270D
Phenanthrene	8200	5300	2200	ug/Kg	20	08/15/16	DD	SW8270D
Phenol	ND	5300	2400	ug/Kg	20	08/15/16	DD	SW8270D
Pyrene	ND	5300	2600	ug/Kg	20	08/15/16	DD	SW8270D
Pyridine	ND	5300	1900	ug/Kg	20	08/15/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	125			%	20	08/15/16	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	20	08/15/16	DD	30 - 130 %
% 2-Fluorophenol	64			%	20	08/15/16	DD	30 - 130 %
% Nitrobenzene-d5	89			%	20	08/15/16	DD	30 - 130 %
% Phenol-d5	62			%	20	08/15/16	DD	30 - 130 %
% Terphenyl-d14	73			%	20	08/15/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

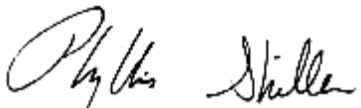
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90927

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	ND	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Aluminum	2740	37	7.3	mg/Kg	10	08/13/16	LK	SW6010C	
Arsenic	1.77	0.73	0.73	mg/Kg	1	08/13/16	LK	SW6010C	
Barium	28.9	0.7	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Beryllium	ND	0.29	0.15	mg/Kg	1	08/13/16	LK	SW6010C	
Calcium	11700	37	34	mg/Kg	10	08/13/16	LK	SW6010C	
Cadmium	ND	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Cobalt	2.42	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Chromium	5.41	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Copper	35.6	0.37	0.37	mg/kg	1	08/13/16	LK	SW6010C	
Iron	5910	3.7	3.7	mg/Kg	1	08/13/16	LK	SW6010C	B
Mercury	0.06	0.03	0.02	mg/Kg	1	08/12/16	RS	SW7471B	
Potassium	485	7	2.9	mg/Kg	1	08/13/16	LK	SW6010C	
Magnesium	3710	3.7	3.7	mg/Kg	1	08/13/16	LK	SW6010C	
Manganese	144	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Sodium	123	7	3.1	mg/Kg	1	08/13/16	LK	SW6010C	
Nickel	5.75	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Lead	90.0	0.7	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Antimony	ND	1.8	1.8	mg/Kg	1	08/13/16	LK	SW6010C	
Selenium	ND	1.5	1.2	mg/Kg	1	08/13/16	LK	SW6010C	
Thallium	ND	1.5	1.5	mg/Kg	1	08/13/16	LK	SW6010C	
Vanadium	10.2	0.37	0.37	mg/Kg	1	08/13/16	LK	SW6010C	
Zinc	167	7.3	3.7	mg/Kg	10	08/13/16	LK	SW6010C	B
Percent Solid	95			%		08/11/16	w	SW846-%Solid	
Soil Extraction for PCB	Completed					08/11/16	JC/V	SW3545A	
Soil Extraction for Pest	Completed					08/11/16	JC/V	SW3545A	
Soil Extraction for SVOA	Completed					08/11/16	JJ/CKV	SW3545A	
Mercury Digestion	Completed					08/12/16	W/W	SW7471B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SOIL DUPLICATE

Phoenix I.D.: BN90927

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/11/16	X/AG	SW3050B
Field Extraction	Completed					08/10/16		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1221	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1232	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1242	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1248	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1254	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1260	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1262	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
PCB-1268	ND	69	69	ug/Kg	2	08/13/16	AW	SW8082A
QA/QC Surrogates								
% DCBP	89			%	2	08/13/16	AW	40 - 140 %
% TCMX	78			%	2	08/13/16	AW	40 - 140 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	08/13/16	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	08/13/16	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	08/13/16	CE	SW8081B
a-BHC	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	08/13/16	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	08/13/16	CE	SW8081B
b-BHC	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	08/13/16	CE	SW8081B
d-BHC	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	08/13/16	CE	SW8081B
Endosulfan I	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endosulfan II	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endrin	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endrin aldehyde	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Endrin ketone	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	08/13/16	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	08/13/16	CE	SW8081B
Heptachlor	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	2	08/13/16	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	08/13/16	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	08/13/16	CE	SW8081B
QA/QC Surrogates								
% DCBP	69			%	2	08/13/16	CE	40 - 140 %
% TCMX	71			%	2	08/13/16	CE	40 - 140 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	180	37	ug/Kg	50	08/12/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	180	18	ug/Kg	50	08/12/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	180	37	ug/Kg	50	08/12/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	180	37	ug/Kg	50	08/12/16	JLI	SW8260C
1,1-Dichloroethane	ND	180	37	ug/Kg	50	08/12/16	JLI	SW8260C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Phoenix I.D.: BN90927
Client ID: SOIL DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloroethene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	72	J	180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND		20	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	65	J	180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Chlorotoluene	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Hexanone	ND		920	180	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
4-Methyl-2-pentanone	ND		920	180	ug/Kg	50	08/12/16	JLI	SW8260C	
Acetone	ND		180	180	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrylonitrile	ND		370	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Benzene	ND		60	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromobenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromochloromethane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromodichloromethane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromoform	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromomethane	ND		180	73	ug/Kg	50	08/12/16	JLI	SW8260C	
Carbon Disulfide	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Carbon tetrachloride	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Chlorobenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloroethane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloroform	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloromethane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Dibromochloromethane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Dibromomethane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Ethylbenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Isopropylbenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
m&p-Xylene	62	J	180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND		180	180	ug/Kg	50	08/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		370	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Methylene chloride	ND		180	180	ug/Kg	50	08/12/16	JLI	SW8260C	
Naphthalene	100	J	180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
n-Butylbenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
n-Propylbenzene	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
o-Xylene	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
p-Isopropyltoluene	130	J	180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
sec-Butylbenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Styrene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
tert-Butylbenzene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Tetrachloroethene	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		370	92	ug/Kg	50	08/12/16	JLI	SW8260C	1
Toluene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		370	92	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichloroethene	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND		180	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND		180	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Vinyl chloride	ND		20	18	ug/Kg	50	08/12/16	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	50	08/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	100				%	50	08/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	95				%	50	08/12/16	JLI	70 - 130 %	
% Toluene-d8	97				%	50	08/12/16	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		2700	1500	ug/kg	50	08/12/16	JLI	SW8260C	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		730	37	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrolein	ND		730	92	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrylonitrile	ND		730	18	ug/Kg	50	08/12/16	JLI	SW8260C	
Tert-butyl alcohol	ND		3700	730	ug/Kg	50	08/12/16	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		240	120	ug/Kg	1	08/12/16	DD	SW8270D	
1,2,4-Trichlorobenzene	ND		240	100	ug/Kg	1	08/12/16	DD	SW8270D	
1,2-Dichlorobenzene	ND		240	97	ug/Kg	1	08/12/16	DD	SW8270D	
1,2-Diphenylhydrazine	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
1,3-Dichlorobenzene	ND		240	100	ug/Kg	1	08/12/16	DD	SW8270D	
1,4-Dichlorobenzene	ND		240	100	ug/Kg	1	08/12/16	DD	SW8270D	
2,4,5-Trichlorophenol	ND		240	190	ug/Kg	1	08/12/16	DD	SW8270D	
2,4,6-Trichlorophenol	ND		170	110	ug/Kg	1	08/12/16	DD	SW8270D	
2,4-Dichlorophenol	ND		170	120	ug/Kg	1	08/12/16	DD	SW8270D	
2,4-Dimethylphenol	ND		240	86	ug/Kg	1	08/12/16	DD	SW8270D	
2,4-Dinitrophenol	ND		240	240	ug/Kg	1	08/12/16	DD	SW8270D	
2,4-Dinitrotoluene	ND		170	140	ug/Kg	1	08/12/16	DD	SW8270D	
2,6-Dinitrotoluene	ND		170	110	ug/Kg	1	08/12/16	DD	SW8270D	
2-Chloronaphthalene	ND		240	98	ug/Kg	1	08/12/16	DD	SW8270D	
2-Chlorophenol	ND		240	98	ug/Kg	1	08/12/16	DD	SW8270D	
2-Methylnaphthalene	160	J	240	100	ug/Kg	1	08/12/16	DD	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	08/12/16	DD	SW8270D	
2-Nitroaniline	ND		240	240	ug/Kg	1	08/12/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SOIL DUPLICATE

Phoenix I.D.: BN90927

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitrophenol	ND		240	220	ug/Kg	1	08/12/16	DD	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	08/12/16	DD	SW8270D	1
3,3'-Dichlorobenzidine	ND		170	160	ug/Kg	1	08/12/16	DD	SW8270D	
3-Nitroaniline	ND		350	690	ug/Kg	1	08/12/16	DD	SW8270D	
4,6-Dinitro-2-methylphenol	ND		210	69	ug/Kg	1	08/12/16	DD	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	08/12/16	DD	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	08/12/16	DD	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	08/12/16	DD	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	08/12/16	DD	SW8270D	
4-Nitroaniline	ND		350	120	ug/Kg	1	08/12/16	DD	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	08/12/16	DD	SW8270D	
Acenaphthene	ND		240	100	ug/Kg	1	08/12/16	DD	SW8270D	
Acenaphthylene	ND		240	97	ug/Kg	1	08/12/16	DD	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Aniline	ND		280	280	ug/Kg	1	08/12/16	DD	SW8270D	
Anthracene	130	J	240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Benz(a)anthracene	210	J	240	120	ug/Kg	1	08/12/16	DD	SW8270D	
Benzidine	ND		350	200	ug/Kg	1	08/12/16	DD	SW8270D	
Benzo(a)pyrene	150	J	170	110	ug/Kg	1	08/12/16	DD	SW8270D	
Benzo(b)fluoranthene	140	J	240	120	ug/Kg	1	08/12/16	DD	SW8270D	
Benzo(ghi)perylene	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Benzo(k)fluoranthene	130	J	240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	08/12/16	DD	SW8270D	1
Benzyl butyl phthalate	ND		240	89	ug/Kg	1	08/12/16	DD	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	95	ug/Kg	1	08/12/16	DD	SW8270D	
Bis(2-chloroethyl)ether	ND		170	93	ug/Kg	1	08/12/16	DD	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	96	ug/Kg	1	08/12/16	DD	SW8270D	
Bis(2-ethylhexyl)phthalate	ND		240	99	ug/Kg	1	08/12/16	DD	SW8270D	
Carbazole	ND		170	140	ug/Kg	1	08/12/16	DD	SW8270D	
Chrysene	230	J	240	120	ug/Kg	1	08/12/16	DD	SW8270D	
Dibenz(a,h)anthracene	ND		170	110	ug/Kg	1	08/12/16	DD	SW8270D	
Dibenzofuran	ND		240	100	ug/Kg	1	08/12/16	DD	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	08/12/16	DD	SW8270D	
Di-n-octylphthalate	ND		240	89	ug/Kg	1	08/12/16	DD	SW8270D	
Fluoranthene	430		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Hexachlorobenzene	ND		170	100	ug/Kg	1	08/12/16	DD	SW8270D	
Hexachlorobutadiene	ND		240	120	ug/Kg	1	08/12/16	DD	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Hexachloroethane	ND		170	100	ug/Kg	1	08/12/16	DD	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		240	110	ug/Kg	1	08/12/16	DD	SW8270D	
Isophorone	ND		1700	1700	ug/Kg	1	08/12/16	DD	SW8270D	
Naphthalene	ND		240	99	ug/Kg	1	08/12/16	DD	SW8270D	
Nitrobenzene	ND		170	120	ug/Kg	1	08/12/16	DD	SW8270D	
N-Nitrosodimethylamine	ND		240	97	ug/Kg	1	08/12/16	DD	SW8270D	
N-Nitrosodi-n-propylamine	ND		170	110	ug/Kg	1	08/12/16	DD	SW8270D	
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	08/12/16	DD	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: SOIL DUPLICATE

Phoenix I.D.: BN90927

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/12/16	DD	SW8270D
Pentachlorophenol	ND	210	130	ug/Kg	1	08/12/16	DD	SW8270D
Phenanthrene	540	240	99	ug/Kg	1	08/12/16	DD	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/12/16	DD	SW8270D
Pyrene	390	240	120	ug/Kg	1	08/12/16	DD	SW8270D
Pyridine	ND	240	85	ug/Kg	1	08/12/16	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	63			%	1	08/12/16	DD	30 - 130 %
% 2-Fluorobiphenyl	76			%	1	08/12/16	DD	30 - 130 %
% 2-Fluorophenol	44			%	1	08/12/16	DD	30 - 130 %
% Nitrobenzene-d5	89			%	1	08/12/16	DD	30 - 130 %
% Phenol-d5	77			%	1	08/12/16	DD	30 - 130 %
% Terphenyl-d14	72			%	1	08/12/16	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90928

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					08/10/16		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Hexanone	ND	1300	250	ug/Kg	50	08/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BN90928

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/12/16	JLI	SW8260C	
Acetone	ND	2500	250	ug/Kg	50	08/12/16	JLI	SW8260C	
Acrylonitrile	ND	500	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Benzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromobenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromochloromethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromodichloromethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromoform	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Bromomethane	ND	250	100	ug/Kg	50	08/12/16	JLI	SW8260C	
Carbon Disulfide	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Chlorobenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloroethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloroform	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Chloromethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Dibromochloromethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Dibromomethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Ethylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Isopropylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
m&p-Xylene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	1500	250	ug/Kg	50	08/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Methylene chloride	ND	250	250	ug/Kg	50	08/12/16	JLI	SW8260C	
Naphthalene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
n-Butylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
n-Propylbenzene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
o-Xylene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Styrene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Tetrachloroethene	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/12/16	JLI	SW8260C	1
Toluene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichloroethene	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
Vinyl chloride	ND	250	25	ug/Kg	50	08/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	50	08/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	94			%	50	08/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	94			%	50	08/12/16	JLI	70 - 130 %	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BN90928

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	50	08/12/16	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	3800	2000	ug/kg	50	08/12/16	JLI	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1000	50	ug/Kg	50	08/12/16	JLI	SW8260C
Acrolein	ND	1000	130	ug/Kg	50	08/12/16	JLI	SW8260C
Acrylonitrile	ND	1000	25	ug/Kg	50	08/12/16	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	08/12/16	JLI	SW8260C

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

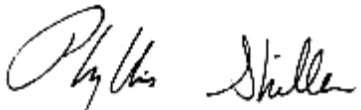
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight., TRIP BLANK INCLUDED.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	TG	08/10/16	
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90923
Phoenix ID: BN90929

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					08/10/16		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
2-Hexanone	ND	25	5.0	ug/Kg	1	08/12/16	JLI	SW8260C	
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	1
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK LOW

Phoenix I.D.: BN90929

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Acetone	ND	50	5.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Acrylonitrile	ND	10	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Benzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromoform	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Chloroform	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
n-Propylbenzene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Styrene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/12/16	JLI	SW8260C	1
Toluene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/12/16	JLI	SW8260C	
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/12/16	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/12/16	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/16	JLI	70 - 130 %	
% Bromofluorobenzene	94			%	1	08/12/16	JLI	70 - 130 %	
% Dibromofluoromethane	96			%	1	08/12/16	JLI	70 - 130 %	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK LOW

Phoenix I.D.: BN90929

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	08/12/16	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	75	40	ug/kg	1	08/12/16	JLI	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	08/12/16	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	08/12/16	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	08/12/16	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	08/12/16	JLI	SW8260C

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

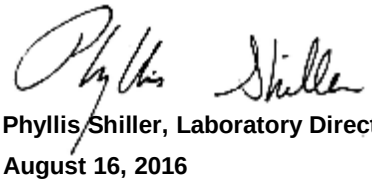
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight., TRIP BLANK INCLUDED.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
August 16, 2016

Sample Criteria Exceedences Report

GBN90923 - EBC

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90923	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	32	20	20	ug/Kg
BN90923	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	32	20	20	ug/Kg
BN90923	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	320	50	50	ug/Kg
BN90923	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	50	50	ug/Kg
BN90923	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	320	50	50	ug/Kg
BN90923	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	50	50	ug/Kg
BN90923	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	320	120	120	ug/Kg
BN90923	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	320	120	120	ug/Kg
BN90923	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	32	20	20	ug/Kg
BN90923	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	32	20	20	ug/Kg
BN90923	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4800	100	100	ug/kg
BN90923	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4800	100	100	ug/kg
BN90923	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	165	6.3	109	109	mg/Kg
BN90924	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	150	20	20	ug/Kg
BN90924	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	20	20	ug/Kg
BN90924	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1500	50	50	ug/Kg
BN90924	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	50	50	ug/Kg
BN90924	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1500	50	50	ug/Kg
BN90924	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	50	50	ug/Kg
BN90924	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1500	120	120	ug/Kg
BN90924	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BN90924	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	150	60	60	ug/Kg
BN90924	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	60	60	ug/Kg
BN90924	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	150	20	20	ug/Kg
BN90924	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	20	20	ug/Kg
BN90924	$8260MADPR	1,2-Dichlorobenzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1500	1100	1100	ug/Kg
BN90924	$8260MADPR	1,2-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	1100	1100	ug/Kg
BN90924	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2700	330	330	ug/Kg
BN90924	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2700	1700	1700	ug/Kg
BN90924	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2700	1700	1700	ug/Kg
BN90924	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2300	800	800	ug/Kg
BN90924	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2700	330	330	ug/Kg
BN90924	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1900	330	330	ug/Kg
BN90924	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	500	500	ug/Kg
BN90924	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	1900	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBN90923 - EBC

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90924	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	500	500	ug/Kg
BN90924	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1900	330	330	ug/Kg
BN90924	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1900	1000	1000	ug/Kg
BN90924	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	500	500	ug/Kg
BN90924	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	800	800	ug/Kg
BN90924	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BN90924	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1900	1000	1000	ug/Kg
BN90924	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1900	330	330	ug/Kg
BN90924	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	330	330	ug/Kg
BN90924	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2700	1000	1000	ug/Kg
BN90924	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2300	800	800	ug/Kg
BN90924	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	23000	100	100	ug/kg
BN90924	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	23000	9800	9800	ug/kg
BN90924	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	23000	13000	13000	ug/kg
BN90924	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	23000	100	100	ug/kg
BN90925	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2100	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1900	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1000	260	500	500	ug/Kg
BN90925	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2100	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1900	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1700	190	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1500	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1000	260	500	500	ug/Kg
BN90925	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1700	190	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	260	800	800	ug/Kg
BN90925	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	190	1000	1000	ug/Kg
BN90925	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	260	500	500	ug/Kg
BN90925	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	260	1000	1000	ug/Kg
BN90925	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	260	1000	1000	ug/Kg
BN90925	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	124	0.36	50	50	mg/kg
BN90925	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.46	0.03	0.73	0.73	mg/Kg
BN90925	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.46	0.03	0.81	0.81	mg/Kg
BN90925	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.46	0.03	0.81	0.81	mg/Kg

Sample Criteria Exceedences Report

GBN90923 - EBC

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90925	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.46	0.03	0.18	0.18	mg/Kg
BN90925	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	201	7.2	63	63	mg/Kg
BN90925	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	907	7.2	109	109	mg/Kg
BN90926	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	290	20	20	ug/Kg
BN90926	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	290	210	210	ug/Kg
BN90926	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	20	20	ug/Kg
BN90926	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	50	50	ug/Kg
BN90926	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	50	50	ug/Kg
BN90926	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	50	50	ug/Kg
BN90926	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	50	50	ug/Kg
BN90926	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	290	190	190	ug/Kg
BN90926	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	190	190	ug/Kg
BN90926	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	580	270	270	ug/Kg
BN90926	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	580	270	270	ug/Kg
BN90926	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	290	250	250	ug/Kg
BN90926	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	250	250	ug/Kg
BN90926	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2900	120	120	ug/Kg
BN90926	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	120	120	ug/Kg
BN90926	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	290	60	60	ug/Kg
BN90926	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	60	60	ug/Kg
BN90926	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	290	20	20	ug/Kg
BN90926	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	290	20	20	ug/Kg
BN90926	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	1300	2900	1000	1000	ug/Kg
BN90926	$8260MADPR	Ethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1300	2900	1000	1000	ug/Kg
BN90926	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Ground Water Protection	28000	5700	3600	3600	ug/Kg
BN90926	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	28000	5700	3600	3600	ug/Kg
BN90926	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	5300	330	330	ug/Kg
BN90926	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	5300	1700	1700	ug/Kg
BN90926	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	5300	330	330	ug/Kg
BN90926	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	4600	800	800	ug/Kg
BN90926	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	5300	1700	1700	ug/Kg
BN90926	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	3800	330	330	ug/Kg
BN90926	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	3800	1000	1000	ug/Kg
BN90926	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	4600	2400	2400	ug/Kg
BN90926	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	5300	500	500	ug/Kg
BN90926	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	5300	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBN90923 - EBC

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90926	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3800	330	330	ug/Kg
BN90926	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5300	500	500	ug/Kg
BN90926	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5300	3900	3900	ug/Kg
BN90926	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5300	3900	3900	ug/Kg
BN90926	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	3800	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	330	330	ug/Kg
BN90926	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	330	330	ug/Kg
BN90926	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	800	800	ug/Kg
BN90926	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	4600	800	800	ug/Kg
BN90926	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	500	500	ug/Kg
BN90926	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3800	1000	1000	ug/Kg
BN90926	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5300	1000	1000	ug/Kg
BN90926	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	3800	330	330	ug/Kg
BN90926	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	44000	100	100	ug/kg
BN90926	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential	ND	44000	9800	9800	ug/kg
BN90926	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Residential Restricted	ND	44000	13000	13000	ug/kg
BN90926	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	44000	100	100	ug/kg
BN90927	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180	50	50	ug/Kg
BN90927	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180	50	50	ug/Kg
BN90927	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180	50	50	ug/Kg
BN90927	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180	50	50	ug/Kg
BN90927	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180	120	120	ug/Kg
BN90927	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180	120	120	ug/Kg
BN90927	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2700	100	100	ug/kg
BN90927	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2700	100	100	ug/kg
BN90927	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	90.0	0.7	63	63	mg/Kg
BN90927	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	167	7.3	109	109	mg/Kg
BN90928	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	60	60	ug/Kg
BN90928	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	20	20	ug/Kg
BN90928	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	190	190	ug/Kg
BN90928	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	50	50	ug/Kg
BN90928	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1500	120	120	ug/Kg
BN90928	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2500	50	50	ug/Kg
BN90928	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	250	20	20	ug/Kg
BN90928	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BN90928	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg

Sample Criteria Exceedences Report

GBN90923 - EBC

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90928	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BN90928	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BN90928	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	50	50	ug/Kg
BN90928	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BN90928	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BN90928	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BN90928	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	3800	100	100	ug/kg
BN90928	$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3800	100	100	ug/kg

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐
Temp 4 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☒ Email: Site

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 58 Greenpoint Ave Brooklyn
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Samplers Signature: Thomas Gallo Date: 8-10-16

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides/PCBs	TAL Metals	Soil VOA Vials ☒ methanol (3)	Soil VOA Vials ☐ H2O	GL Soil containers (1) 4oz	GL Soil containers ( ) 8oz	40 ml VOA Vial ( ) As ( ) HCl	GL Amber 1000ml ( ) As ( ) H2SO4	PL As-S ( ) 250ml ( ) As ( ) H2SO4	PL H2SO4 ( ) 250ml ( ) 500ml ( ) 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
90923	SB2 (0-2')	S	8-10-16		X	X	X	X	2	1	1								
90924	SB2 (9-11')				X	X	X	X	2	1	1								
90925	SB1 (0-2')				X	X	X	X	2	1	1								
90926	SB1 (12-14')				X	X	X	X	2	1	1								
90927	Soil duplicate				X	X	X	X	2	1	1								
90928	Tripblank High				X					1									
90929	Tripblank Low				X				2										

Relinquished by:	Accepted by:	Date:	Time:
Thomas Gallo		8-11-16	830
	Courier	8-11-16	1549

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ NY 375 GWP
☒ NY375 Unrestricted Use Soil
☒ NY375 Residential Soil
☒ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix 81d Report
☒ Excel
☒ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☒ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv.*
☒ NY Enhanced (ASP B)*
☐ Other

Comments, Special Requirements or Regulations:

State where samples were collected: NY

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	08/10/16	8:30
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90919
Phoenix ID: BN90919

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Aluminum	50.7		0.10	0.050	mg/L	10	08/12/16	EK	SW6010C
Arsenic - LDL	0.026		0.004	0.004	mg/L	1	08/12/16	EK	SW6010C
Barium	0.626		0.010	0.001	mg/L	1	08/12/16	EK	SW6010C
Beryllium	0.003		0.001	0.001	mg/L	1	08/12/16	EK	SW6010C
Calcium	136		0.010	0.01	mg/L	1	08/12/16	EK	SW6010C
Cadmium	0.001	B	0.004	0.0005	mg/L	1	08/12/16	EK	SW6010C
Cobalt	0.036		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Chromium	0.153		0.001	0.001	mg/L	1	08/12/16	EK	SW6010C
Copper	0.152		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Aluminum (Dissolved)	0.007	B	0.011	0.005	mg/L	1	08/12/16	LK	SW6010C
Arsenic, (Dissolved)	ND		0.003	0.004	mg/L	1	08/12/16	LK	SW6010C
Barium (Dissolved)	0.233		0.011	0.001	mg/L	1	08/12/16	LK	SW6010C
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	08/12/16	LK	SW6010C
Calcium (Dissolved)	130		0.01	0.01	mg/L	1	08/12/16	LK	SW6010C
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	08/12/16	LK	SW6010C
Cobalt, (Dissolved)	ND		0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Chromium (Dissolved)	ND		0.001	0.001	mg/L	1	08/12/16	LK	SW6010C
Copper, (Dissolved)	ND		0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Iron, (Dissolved)	0.07		0.01	0.01	mg/L	1	08/12/16	LK	SW6010C
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	08/12/16	RS	SW7470A
Potassium (Dissolved)	13.8		0.1	0.01	mg/L	1	08/12/16	LK	SW6010C
Magnesium (Dissolved)	20.8		0.01	0.01	mg/L	1	08/12/16	LK	SW6010C
Manganese, (Dissolved)	1.10		0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Sodium (Dissolved)	56.8		0.11	0.01	mg/L	1	08/12/16	LK	SW6010C
Nickel, (Dissolved)	0.004		0.004	0.001	mg/L	1	08/12/16	LK	SW6010C
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	08/12/16	LK	SW6010C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 2

Phoenix I.D.: BN90919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	08/12/16	RS	SW7010	
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	08/12/16	RS	SW7010	
Thallium , (Dissolved)	ND	0.0005	0.001	mg/L	1	08/12/16	TH/RS	SW7010	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	08/12/16	LK	SW6010C	
Zinc, (Dissolved)	ND	0.011	0.0012	mg/L	1	08/12/16	LK	SW6010C	
Iron	103	0.01	0.01	mg/L	1	08/12/16	EK	SW6010C	
Mercury	ND	0.0002	0.00015	mg/L	1	08/12/16	RS	SW7470A	
Potassium	27.0	0.1	0.01	mg/L	1	08/12/16	EK	SW6010C	
Magnesium	40.4	0.010	0.01	mg/L	1	08/12/16	EK	SW6010C	
Manganese	1.77	0.005	0.001	mg/L	1	08/12/16	EK	SW6010C	
Sodium	59.6	0.1	0.01	mg/L	1	08/12/16	EK	SW6010C	
Nickel	0.091	0.004	0.001	mg/L	1	08/12/16	EK	SW6010C	
Lead	0.050	0.002	0.001	mg/L	1	08/12/16	EK	SW6010C	
Antimony	0.003	0.002	0.002	mg/L	1	08/12/16	RS	SW7010	
Selenium	ND	0.002	0.001	mg/L	1	08/12/16	RS	SW7010	
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	08/12/16	TH/RS	SW7010	
Vanadium	0.105	0.010	0.001	mg/L	1	08/12/16	EK	SW6010C	
Zinc	0.257	0.010	0.0011	mg/L	1	08/12/16	EK	SW6010C	
Filtration	Completed					08/11/16	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					08/12/16	W/W	SW7470A	
Mercury Digestion	Completed					08/12/16	W/W	SW7470A	
PCB Extraction (2 Liter)	Completed					08/12/16	Z/Z	SW3510C	
Extraction for Pest (2 Liter)	Completed					08/12/16	Z/Z	SW3510C	
Semi-Volatile Extraction	Completed					08/11/16	P/I/K	SW3520C	
Dissolved Metals Preparation	Completed					08/11/16	AG	SW3005A	
Total Metals Digestion	Completed					08/11/16	AG		
Pesticides									
4,4' -DDD	ND	0.006	0.006	ug/L	1	08/15/16	C/P	SW8081B	
4,4' -DDE	ND	0.006	0.006	ug/L	1	08/15/16	C/P	SW8081B	
4,4' -DDT	ND	0.006	0.011	ug/L	1	08/15/16	C/P	SW8081B	
a-BHC	ND	0.006	0.006	ug/L	1	08/15/16	C/P	SW8081B	
a-chlordane	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
Alachlor	ND	0.083	0.083	ug/L	1	08/15/16	C/P	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	08/15/16	C/P	SW8081B	
b-BHC	ND	0.028	0.028	ug/L	5	08/16/16	C/P	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	08/15/16	C/P	SW8081B	
d-BHC	ND	0.028	0.028	ug/L	5	08/16/16	C/P	SW8081B	
Dieldrin	ND	0.008	0.008	ug/L	1	08/15/16	C/P	SW8081B	
Endosulfan I	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
Endosulfan II	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
Endosulfan Sulfate	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	08/15/16	C/P	SW8081B	
Endrin Aldehyde	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
Endrin ketone	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
g-BHC (Lindane)	ND	0.006	0.006	ug/L	1	08/15/16	C/P	SW8081B	
g-chlordane	ND	0.011	0.011	ug/L	1	08/15/16	C/P	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	08/15/16	C/P	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	08/15/16	C/P	SW8081B	
Methoxychlor	ND	0.11	0.11	ug/L	1	08/15/16	C/P	SW8081B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 2

Phoenix I.D.: BN90919

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND		0.22	0.22	ug/L	1	08/15/16	C/P	SW8081B	
QA/QC Surrogates										
%DCBP (Surrogate Rec)	71				%	1	08/15/16	C/P	SW8081B	
%TCMX (Surrogate Rec)	118				%	1	08/15/16	C/P	SW8081B	
Polychlorinated Biphenyls										
PCB-1016	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1221	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1232	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1242	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1248	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1254	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1260	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1262	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1268	ND		0.056	0.056	ug/L	1	08/16/16	AW	E608/SW8082A	
QA/QC Surrogates										
% DCBP	68				%	1	08/16/16	AW	40 - 140 %	
% TCMX	70				%	1	08/16/16	AW	40 - 140 %	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichloropropane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trimethylbenzene	0.39	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		1.0	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromoethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
2-Isopropyltoluene	1.9		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acetone	2.8	JS	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/11/16	MH	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon Disulfide	0.28	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,2-Dichloroethene	0.42	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/11/16	MH	SW8260C	
Isopropylbenzene	3.9		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/11/16	MH	SW8260C	
Naphthalene	27		10	10	ug/L	10	08/15/16	MH	SW8260C	
n-Butylbenzene	3.5		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
n-Propylbenzene	6.1		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
p-Isopropyltoluene	0.72	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
sec-Butylbenzene	6.0		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
tert-Butylbenzene	0.71	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	08/11/16	MH	70 - 130 %	
% Bromofluorobenzene	106				%	1	08/11/16	MH	70 - 130 %	
% Dibromofluoromethane	98				%	1	08/11/16	MH	70 - 130 %	
% Toluene-d8	101				%	1	08/11/16	MH	70 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		5.0	1.8	ug/L	1	08/16/16	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 2

Phoenix I.D.: BN90919

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND		3.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
1,3-Dichlorobenzene	ND		3.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
1,4-Dichlorobenzene	ND		3.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	08/16/16	D/P	SW8270D
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
2-Chlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2-Methylnaphthalene	26		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2-Nitroaniline	ND		5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
2-Nitrophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
3&4-Methylphenol (m&p-cresol)	ND		5.0	2.0	ug/L	1	08/16/16	D/P	SW8270D
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	08/16/16	D/P	SW8270D
3-Nitroaniline	ND		5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
4-Chloroaniline	ND		5.0	2.3	ug/L	1	08/16/16	D/P	SW8270D
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
4-Nitroaniline	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
4-Nitrophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Acenaphthene	3.0	J	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Acenaphthylene	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Acetophenone	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Aniline	ND		5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
Anthracene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benz(a)anthracene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzidine	ND		5.0	2.9	ug/L	1	08/16/16	D/P	SW8270D
Benzo(a)pyrene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benzo(b)fluoranthene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzo(ghi)perylene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benzo(k)fluoranthene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzoic acid	ND		25	10	ug/L	1	08/16/16	D/P	SW8270D
Benzyl butyl phthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroethoxy)methane	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroethyl)ether	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroisopropyl)ether	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-ethylhexyl)phthalate	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Carbazole	ND		25	3.8	ug/L	1	08/16/16	D/P	SW8270D
Chrysene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Dibenz(a,h)anthracene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Dibenzofuran	3.8	J	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Diethyl phthalate	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 2

Phoenix I.D.: BN90919

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Di-n-butylphthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Di-n-octylphthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Fluoranthene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Fluorene	6.2		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorobenzene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorobutadiene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorocyclopentadiene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Hexachloroethane	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Indeno(1,2,3-cd)pyrene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Isophorone	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Naphthalene	13		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Nitrobenzene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodimethylamine	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodi-n-propylamine	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodiphenylamine	ND		5.0	1.9	ug/L	1	08/16/16	D/P	SW8270D
Pentachloronitrobenzene	ND		5.0	1.9	ug/L	1	08/16/16	D/P	SW8270D
Pentachlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Phenanthrene	4.4	J	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Phenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Pyrene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Pyridine	ND		5.0	1.2	ug/L	1	08/16/16	D/P	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out				%	1	08/16/16	D/P	30 - 130 %
% 2-Fluorophenol	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% Nitrobenzene-d5	Diluted Out				%	1	08/16/16	D/P	30 - 130 %
% Phenol-d5	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% Terphenyl-d14	Diluted Out				%	1	08/16/16	D/P	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution and/or could not be analyz via SIM; some compounds are evaluated below the lowest calibration standard.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was report for dieldrin.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 16, 2016

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	08/10/16	9:30
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90919
Phoenix ID: BN90920

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Aluminum	30.0		0.10	0.050	mg/L	10	08/12/16	EK	SW6010C
Arsenic - LDL	0.006		0.004	0.004	mg/L	1	08/12/16	EK	SW6010C
Barium	0.791		0.010	0.001	mg/L	1	08/12/16	EK	SW6010C
Beryllium	0.002		0.001	0.001	mg/L	1	08/12/16	EK	SW6010C
Calcium	141		0.010	0.01	mg/L	1	08/12/16	EK	SW6010C
Cadmium	ND		0.004	0.0005	mg/L	1	08/12/16	EK	SW6010C
Cobalt	0.029		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Chromium	0.131		0.001	0.001	mg/L	1	08/12/16	EK	SW6010C
Copper	0.084		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Aluminum (Dissolved)	0.010	B	0.011	0.005	mg/L	1	08/12/16	LK	SW6010C
Arsenic, (Dissolved)	ND		0.003	0.004	mg/L	1	08/12/16	LK	SW6010C
Barium (Dissolved)	0.186		0.011	0.001	mg/L	1	08/12/16	LK	SW6010C
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	08/12/16	LK	SW6010C
Calcium (Dissolved)	129		0.01	0.01	mg/L	1	08/12/16	LK	SW6010C
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	08/12/16	LK	SW6010C
Cobalt, (Dissolved)	0.002	B	0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Chromium (Dissolved)	ND		0.001	0.001	mg/L	1	08/12/16	LK	SW6010C
Copper, (Dissolved)	ND		0.005	0.001	mg/L	1	08/12/16	LK	SW6010C
Iron, (Dissolved)	0.01		0.01	0.01	mg/L	1	08/12/16	LK	SW6010C
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	08/12/16	RS	SW7470A
Potassium (Dissolved)	15.1		0.1	0.01	mg/L	1	08/12/16	LK	SW6010C
Magnesium (Dissolved)	17.1		0.01	0.01	mg/L	1	08/12/16	LK	SW6010C
Manganese, (Dissolved)	6.40		0.053	0.011	mg/L	10	08/12/16	LK	SW6010C
Sodium (Dissolved)	53.9		0.11	0.01	mg/L	1	08/12/16	LK	SW6010C
Nickel, (Dissolved)	0.008		0.004	0.001	mg/L	1	08/12/16	LK	SW6010C
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	08/12/16	LK	SW6010C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Phoenix I.D.: BN90920
Client ID: MW 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony, (Dissolved)	ND		0.003	0.003	mg/L	1	08/12/16	RS	SW7010	
Selenium, (Dissolved)	ND		0.004	0.002	mg/L	1	08/12/16	RS	SW7010	
Thallium , (Dissolved)	ND		0.0005	0.001	mg/L	1	08/12/16	TH/RS	SW7010	
Vanadium, (Dissolved)	ND		0.011	0.001	mg/L	1	08/12/16	LK	SW6010C	
Zinc, (Dissolved)	0.009	B	0.011	0.0012	mg/L	1	08/12/16	LK	SW6010C	
Iron	61.8		0.01	0.01	mg/L	1	08/12/16	EK	SW6010C	
Mercury	0.0002	B	0.0002	0.00015	mg/L	1	08/12/16	RS	SW7470A	
Potassium	25.5		0.1	0.01	mg/L	1	08/12/16	EK	SW6010C	
Magnesium	30.6		0.010	0.01	mg/L	1	08/12/16	EK	SW6010C	
Manganese	7.17		0.050	0.010	mg/L	10	08/12/16	EK	SW6010C	
Sodium	50.6		0.1	0.01	mg/L	1	08/12/16	EK	SW6010C	
Nickel	0.066		0.004	0.001	mg/L	1	08/12/16	EK	SW6010C	
Lead	0.052		0.002	0.001	mg/L	1	08/12/16	EK	SW6010C	
Antimony	0.002		0.002	0.002	mg/L	1	08/12/16	RS	SW7010	
Selenium	ND		0.002	0.001	mg/L	1	08/12/16	RS	SW7010	
Thallium - LDL	ND		0.0005	0.0005	mg/L	1	08/12/16	TH/RS	SW7010	
Vanadium	0.066		0.010	0.001	mg/L	1	08/12/16	EK	SW6010C	
Zinc	0.435		0.010	0.0011	mg/L	1	08/12/16	EK	SW6010C	
Filtration	Completed						08/11/16	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed						08/12/16	W/W	SW7470A	
Mercury Digestion	Completed						08/12/16	W/W	SW7470A	
PCB Extraction (2 Liter)	Completed						08/12/16	Z/Z	SW3510C	
Extraction for Pest (2 Liter)	Completed						08/12/16	Z/Z	SW3510C	
Semi-Volatile Extraction	Completed						08/11/16	P/I/K	SW3520C	
Dissolved Metals Preparation	Completed						08/11/16	AG	SW3005A	
Total Metals Digestion	Completed						08/11/16	AG		
Pesticides										
4,4' -DDD	ND		0.012	0.012	ug/L	5	08/16/16	CE	SW8081B	
4,4' -DDE	ND		0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
4,4' -DDT	ND		0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
a-BHC	ND		0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
a-chlordane	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Alachlor	ND		0.075	0.075	ug/L	1	08/15/16	CE	SW8081B	1
Aldrin	ND		0.002	0.002	ug/L	1	08/15/16	CE	SW8081B	
b-BHC	ND		0.025	0.025	ug/L	5	08/16/16	CE	SW8081B	
Chlordane	ND		0.050	0.050	ug/L	1	08/15/16	CE	SW8081B	
d-BHC	ND		0.025	0.025	ug/L	5	08/16/16	CE	SW8081B	
Dieldrin	ND		0.002	0.002	ug/L	1	08/15/16	CE	SW8081B	
Endosulfan I	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endosulfan II	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endosulfan Sulfate	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endrin	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endrin Aldehyde	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endrin ketone	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
g-BHC (Lindane)	ND		0.025	0.025	ug/L	5	08/16/16	CE	SW8081B	
g-chlordane	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Heptachlor	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Heptachlor epoxide	ND		0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Methoxychlor	ND		0.10	0.10	ug/L	1	08/15/16	CE	SW8081B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: MW 1

Phoenix I.D.: BN90920

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND	0.20	0.20	ug/L	1	08/15/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	68			%	1	08/15/16	CE	SW8081B	
%TCMX (Surrogate Rec)	119			%	1	08/15/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	82			%	1	08/16/16	AW	40 - 140 %	
% TCMX	81			%	1	08/16/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trimethylbenzene	44	10	2.5	ug/L	10	08/15/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
2-Isopropyltoluene	1.5	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	08/11/16	MH	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon Disulfide	0.58	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Ethylbenzene	6.6		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/11/16	MH	SW8260C	
Isopropylbenzene	3.7		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
m&p-Xylene	3.3		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/11/16	MH	SW8260C	
Naphthalene	48		10	10	ug/L	10	08/15/16	MH	SW8260C	
n-Butylbenzene	2.3		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
n-Propylbenzene	5.9		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
p-Isopropyltoluene	3.5		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
sec-Butylbenzene	3.9		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
tert-Butylbenzene	0.54	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	08/11/16	MH	70 - 130 %	
% Bromofluorobenzene	108				%	1	08/11/16	MH	70 - 130 %	
% Dibromofluoromethane	96				%	1	08/11/16	MH	70 - 130 %	
% Toluene-d8	102				%	1	08/11/16	MH	70 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		5.0	1.8	ug/L	1	08/16/16	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Phoenix I.D.: BN90920
Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	3.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
1,3-Dichlorobenzene	ND	3.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
1,4-Dichlorobenzene	ND	3.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	08/16/16	D/P	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2-Methylnaphthalene	33	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	1	08/16/16	D/P	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	08/16/16	D/P	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
4-Chloroaniline	ND	5.0	2.3	ug/L	1	08/16/16	D/P	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Acenaphthylene	ND	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Aniline	ND	5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benz(a)anthracene	ND	5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzidine	ND	5.0	2.9	ug/L	1	08/16/16	D/P	SW8270D
Benzo(a)pyrene	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benzo(b)fluoranthene	ND	5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benzo(k)fluoranthene	ND	5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzoic acid	ND	25	10	ug/L	1	08/16/16	D/P	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Carbazole	ND	25	3.8	ug/L	1	08/16/16	D/P	SW8270D
Chrysene	ND	5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Phoenix I.D.: BN90920
Client ID: MW 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Di-n-butylphthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Di-n-octylphthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Fluoranthene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Fluorene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorobenzene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorobutadiene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorocyclopentadiene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Hexachloroethane	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Indeno(1,2,3-cd)pyrene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Isophorone	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Naphthalene	22		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Nitrobenzene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodimethylamine	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodi-n-propylamine	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodiphenylamine	ND		5.0	1.9	ug/L	1	08/16/16	D/P	SW8270D
Pentachloronitrobenzene	ND		5.0	1.9	ug/L	1	08/16/16	D/P	SW8270D
Pentachlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Phenanthrene	1.8	J	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Phenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Pyrene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Pyridine	ND		5.0	1.2	ug/L	1	08/16/16	D/P	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out				%	1	08/16/16	D/P	30 - 130 %
% 2-Fluorophenol	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% Nitrobenzene-d5	Diluted Out				%	1	08/16/16	D/P	30 - 130 %
% Phenol-d5	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% Terphenyl-d14	Diluted Out				%	1	08/16/16	D/P	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution and/or could not be analyz via SIM; some compounds are evaluated below the lowest calibration standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 16, 2016

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	08/10/16	8:30
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90919
Phoenix ID: BN90921

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: GW DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	ND		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Aluminum	12.1		0.010	0.005	mg/L	1	08/12/16	EK	SW6010C
Arsenic - LDL	0.010		0.004	0.004	mg/L	1	08/12/16	EK	SW6010C
Barium	0.355		0.010	0.001	mg/L	1	08/12/16	EK	SW6010C
Beryllium	ND		0.001	0.001	mg/L	1	08/12/16	EK	SW6010C
Calcium	128		0.010	0.01	mg/L	1	08/12/16	EK	SW6010C
Cadmium	ND		0.004	0.0005	mg/L	1	08/12/16	EK	SW6010C
Cobalt	0.008		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Chromium	0.033		0.001	0.001	mg/L	1	08/12/16	EK	SW6010C
Copper	0.032		0.005	0.001	mg/L	1	08/12/16	EK	SW6010C
Silver (Dissolved)	ND		0.005	0.001	mg/L	1	08/13/16	LK	SW6010C
Aluminum (Dissolved)	0.005	B	0.011	0.005	mg/L	1	08/13/16	LK	SW6010C
Arsenic, (Dissolved)	ND		0.003	0.004	mg/L	1	08/13/16	LK	SW6010C
Barium (Dissolved)	0.215		0.011	0.001	mg/L	1	08/13/16	LK	SW6010C
Beryllium (Dissolved)	ND		0.001	0.001	mg/L	1	08/13/16	LK	SW6010C
Calcium (Dissolved)	121		0.01	0.01	mg/L	1	08/13/16	LK	SW6010C
Cadmium (Dissolved)	ND		0.004	0.0005	mg/L	1	08/13/16	LK	SW6010C
Cobalt, (Dissolved)	ND		0.005	0.001	mg/L	1	08/13/16	LK	SW6010C
Chromium (Dissolved)	ND		0.001	0.001	mg/L	1	08/13/16	LK	SW6010C
Copper, (Dissolved)	ND		0.005	0.001	mg/L	1	08/13/16	LK	SW6010C
Iron, (Dissolved)	0.01		0.01	0.01	mg/L	1	08/13/16	LK	SW6010C
Mercury (Dissolved)	ND		0.0002	0.00015	mg/L	1	08/12/16	RS	SW7470A
Potassium (Dissolved)	12.4		0.1	0.01	mg/L	1	08/13/16	LK	SW6010C
Magnesium (Dissolved)	19.2		0.01	0.01	mg/L	1	08/13/16	LK	SW6010C
Manganese, (Dissolved)	0.948		0.005	0.001	mg/L	1	08/13/16	LK	SW6010C
Sodium (Dissolved)	60.8		0.11	0.01	mg/L	1	08/13/16	LK	SW6010C
Nickel, (Dissolved)	0.003	B	0.004	0.001	mg/L	1	08/13/16	LK	SW6010C
Lead (Dissolved)	ND		0.002	0.001	mg/L	1	08/13/16	LK	SW6010C

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: GW DUPLICATE

Phoenix I.D.: BN90921

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Antimony, (Dissolved)	ND	0.003	0.003	mg/L	1	08/12/16	RS	SW7010	
Selenium, (Dissolved)	ND	0.004	0.002	mg/L	1	08/12/16	RS	SW7010	
Thallium , (Dissolved)	ND	0.0005	0.001	mg/L	1	08/12/16	TH/RS	SW7010	
Vanadium, (Dissolved)	ND	0.011	0.001	mg/L	1	08/13/16	LK	SW6010C	
Zinc, (Dissolved)	ND	0.011	0.0012	mg/L	1	08/13/16	LK	SW6010C	
Iron	37.2	0.01	0.01	mg/L	1	08/12/16	EK	SW6010C	
Mercury	ND	0.0002	0.00015	mg/L	1	08/12/16	RS	SW7470A	
Potassium	15.6	0.1	0.01	mg/L	1	08/12/16	EK	SW6010C	
Magnesium	24.3	0.010	0.01	mg/L	1	08/12/16	EK	SW6010C	
Manganese	1.20	0.005	0.001	mg/L	1	08/12/16	EK	SW6010C	
Sodium	58.2	0.1	0.01	mg/L	1	08/12/16	EK	SW6010C	
Nickel	0.019	0.004	0.001	mg/L	1	08/12/16	EK	SW6010C	
Lead	0.013	0.002	0.001	mg/L	1	08/12/16	EK	SW6010C	
Antimony	ND	0.002	0.002	mg/L	1	08/12/16	RS	SW7010	
Selenium	ND	0.002	0.001	mg/L	1	08/12/16	RS	SW7010	
Thallium - LDL	ND	0.0005	0.0005	mg/L	1	08/12/16	TH/RS	SW7010	
Vanadium	0.021	0.010	0.001	mg/L	1	08/12/16	EK	SW6010C	
Zinc	0.058	0.010	0.0011	mg/L	1	08/12/16	EK	SW6010C	
Filtration	Completed					08/11/16	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed					08/12/16	W/W	SW7470A	
Mercury Digestion	Completed					08/12/16	W/W	SW7470A	
PCB Extraction (2 Liter)	Completed					08/12/16	Z/Z	SW3510C	
Extraction for Pest (2 Liter)	Completed					08/12/16	Z/Z	SW3510C	
Semi-Volatile Extraction	Completed					08/11/16	P/I/K	SW3520C	
Dissolved Metals Preparation	Completed					08/11/16	AG	SW3005A	
Total Metals Digestion	Completed					08/11/16	AG		
Pesticides									
4,4' -DDD	ND	0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
4,4' -DDE	ND	0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
4,4' -DDT	ND	0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
a-BHC	ND	0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
a-chlordane	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Alachlor	ND	0.075	0.075	ug/L	1	08/15/16	CE	SW8081B	1
Aldrin	ND	0.002	0.002	ug/L	1	08/15/16	CE	SW8081B	
b-BHC	ND	0.025	0.025	ug/L	5	08/16/16	CE	SW8081B	
Chlordane	ND	0.050	0.050	ug/L	1	08/15/16	CE	SW8081B	
d-BHC	ND	0.005	0.005	ug/L	1	08/15/16	CE	SW8081B	
Dieldrin	ND	0.008	0.008	ug/L	5	08/16/16	CE	SW8081B	
Endosulfan I	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endosulfan II	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endrin	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Endrin ketone	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
g-BHC (Lindane)	ND	0.025	0.025	ug/L	5	08/16/16	CE	SW8081B	
g-chlordane	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Heptachlor	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	08/15/16	CE	SW8081B	
Methoxychlor	ND	0.10	0.10	ug/L	1	08/15/16	CE	SW8081B	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: GW DUPLICATE

Phoenix I.D.: BN90921

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Toxaphene	ND	0.20	0.20	ug/L	1	08/15/16	CE	SW8081B	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	62			%	1	08/15/16	CE	SW8081B	
%TCMX (Surrogate Rec)	96			%	1	08/15/16	CE	SW8081B	
Polychlorinated Biphenyls									
PCB-1016	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1221	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1232	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1242	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1248	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1254	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1260	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1262	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
PCB-1268	ND	0.050	0.050	ug/L	1	08/16/16	AW	E608/SW8082A	
QA/QC Surrogates									
% DCBP	87			%	1	08/16/16	AW	40 - 140 %	
% TCMX	81			%	1	08/16/16	AW	40 - 140 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
2-Isopropyltoluene	1.8	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acetone	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	08/11/16	MH	SW8260C	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: GW DUPLICATE

Phoenix I.D.: BN90921

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,2-Dichloroethene	0.46	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/11/16	MH	SW8260C	
Isopropylbenzene	2.8		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/11/16	MH	SW8260C	
Naphthalene	23		5.0	5.0	ug/L	5	08/12/16	MH	SW8260C	
n-Butylbenzene	2.5		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
n-Propylbenzene	3.9		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
p-Isopropyltoluene	0.40	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
sec-Butylbenzene	5.3		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
tert-Butylbenzene	0.70	J	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	08/11/16	MH	70 - 130 %	
% Bromofluorobenzene	105				%	1	08/11/16	MH	70 - 130 %	
% Dibromofluoromethane	97				%	1	08/11/16	MH	70 - 130 %	
% Toluene-d8	103				%	1	08/11/16	MH	70 - 130 %	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		5.0	1.8	ug/L	1	08/16/16	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: GW DUPLICATE

Phoenix I.D.: BN90921

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND		3.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
1,3-Dichlorobenzene	ND		3.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
1,4-Dichlorobenzene	ND		3.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
2,4,5-Trichlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4,6-Trichlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dichlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dimethylphenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dinitrophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	1	08/16/16	D/P	SW8270D
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
2-Chloronaphthalene	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
2-Chlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2-Methylnaphthalene	16		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
2-Methylphenol (o-cresol)	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
2-Nitroaniline	ND		5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
2-Nitrophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
3&4-Methylphenol (m&p-cresol)	ND		5.0	2.0	ug/L	1	08/16/16	D/P	SW8270D
3,3'-Dichlorobenzidine	ND		5.0	2.4	ug/L	1	08/16/16	D/P	SW8270D
3-Nitroaniline	ND		5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
4,6-Dinitro-2-methylphenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
4-Chloro-3-methylphenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
4-Chloroaniline	ND		5.0	2.3	ug/L	1	08/16/16	D/P	SW8270D
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
4-Nitroaniline	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
4-Nitrophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Acenaphthene	2.7	J	5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Acenaphthylene	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Acetophenone	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Aniline	ND		5.0	5.0	ug/L	1	08/16/16	D/P	SW8270D
Anthracene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benz(a)anthracene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzidine	ND		5.0	2.9	ug/L	1	08/16/16	D/P	SW8270D
Benzo(a)pyrene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benzo(b)fluoranthene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzo(ghi)perylene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Benzo(k)fluoranthene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Benzoic acid	ND		25	10	ug/L	1	08/16/16	D/P	SW8270D
Benzyl butyl phthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroethoxy)methane	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroethyl)ether	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-chloroisopropyl)ether	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Bis(2-ethylhexyl)phthalate	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Carbazole	ND		25	3.8	ug/L	1	08/16/16	D/P	SW8270D
Chrysene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Dibenz(a,h)anthracene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Dibenzofuran	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Diethyl phthalate	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: GW DUPLICATE

Phoenix I.D.: BN90921

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Di-n-butylphthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Di-n-octylphthalate	ND		5.0	1.3	ug/L	1	08/16/16	D/P	SW8270D
Fluoranthene	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
Fluorene	5.2		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorobenzene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorobutadiene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Hexachlorocyclopentadiene	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Hexachloroethane	ND		5.0	1.5	ug/L	1	08/16/16	D/P	SW8270D
Indeno(1,2,3-cd)pyrene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Isophorone	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Naphthalene	10		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Nitrobenzene	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodimethylamine	ND		5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodi-n-propylamine	ND		5.0	1.6	ug/L	1	08/16/16	D/P	SW8270D
N-Nitrosodiphenylamine	ND		5.0	1.9	ug/L	1	08/16/16	D/P	SW8270D
Pentachloronitrobenzene	ND		5.0	1.9	ug/L	1	08/16/16	D/P	SW8270D
Pentachlorophenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Phenanthrene	2.6	J	5.0	1.4	ug/L	1	08/16/16	D/P	SW8270D
Phenol	ND		1.0	1.0	ug/L	1	08/16/16	D/P	SW8270D
Pyrene	ND		5.0	1.7	ug/L	1	08/16/16	D/P	SW8270D
Pyridine	ND		5.0	1.2	ug/L	1	08/16/16	D/P	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% 2-Fluorobiphenyl	Diluted Out				%	1	08/16/16	D/P	30 - 130 %
% 2-Fluorophenol	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% Nitrobenzene-d5	Diluted Out				%	1	08/16/16	D/P	30 - 130 %
% Phenol-d5	Diluted Out				%	1	08/16/16	D/P	15 - 110 %
% Terphenyl-d14	Diluted Out				%	1	08/16/16	D/P	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

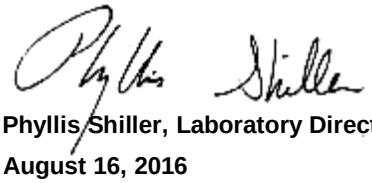
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for th calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution and/or could not be analyz via SIM; some compounds are evaluated below the lowest calibration standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
August 16, 2016

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 16, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	TG	08/10/16	8:30
Location Code:	EBC	Received by:	SW	08/11/16	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBN90919
Phoenix ID: BN90922

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/11/16	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Phoenix I.D.: BN90922
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	08/11/16	MH	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	08/11/16	MH	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	08/11/16	MH	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	08/11/16	MH	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	08/11/16	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	08/11/16	MH	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	08/11/16	MH	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	08/11/16	MH	70 - 130 %	
% Bromofluorobenzene	97			%	1	08/11/16	MH	70 - 130 %	
% Dibromofluoromethane	97			%	1	08/11/16	MH	70 - 130 %	

Project ID: 58 GREENPOINT AVE BROOKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BN90922

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	08/11/16	MH	70 - 130 %

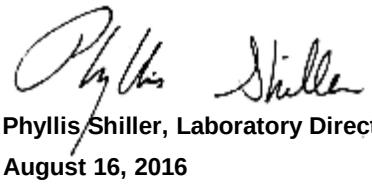
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
August 16, 2016

Sample Criteria Exceedences Report

GBN90919 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90919	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	27	10	5	5	ug/L
BN90919	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90919	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN90919	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	27	10	10	10	ug/L
BN90919	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	6.1	1.0	5	5	ug/L
BN90919	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	6.0	1.0	5	5	ug/L
BN90919	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90919	$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.35	0.35	ug/L
BN90919	$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	13	5.0	10	10	ug/L
BN90919	$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	13	5.0	5	5	ug/L
BN90919	$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	13	5.0	10	10	ug/L
BN90919	$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BN90919	$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BN90919	$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90919	$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90919	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.22	0.06	0.06	ug/L
BN90919	$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BN90919	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	50.7	0.10	0.1	0.1	mg/L
BN90919	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.026	0.004	0.025	0.025	mg/L
BN90919	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.153	0.001	0.05	0.05	mg/L
BN90919	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.10	0.005	0.3	0.3	mg/L
BN90919	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	56.8	0.11	20	20	mg/L
BN90919	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	103	0.01	0.3	0.3	mg/L
BN90919	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	40.4	0.010	35	35	mg/L
BN90919	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.77	0.005	0.3	0.3	mg/L
BN90919	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	59.6	0.1	20	20	mg/L
BN90919	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.050	0.002	0.025	0.025	mg/L
BN90920	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	6.6	1.0	5	5	ug/L
BN90920	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	48	10	5	5	ug/L
BN90920	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90920	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	48	10	10	10	ug/L
BN90920	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	5.9	1.0	5	5	ug/L

Sample Criteria Exceedences Report

GBN90919 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90920	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	6.6	1.0	5	5	ug/L
BN90920	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN90920	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	44	10	5	5	ug/L
BN90920	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90920	$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.0	0.35	0.35	ug/L
BN90920	$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	22	5.0	10	10	ug/L
BN90920	$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	22	5.0	5	5	ug/L
BN90920	$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BN90920	$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90920	$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90920	$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	22	5.0	10	10	ug/L
BN90920	$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90920	$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BN90920	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BN90920	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	30.0	0.10	0.1	0.1	mg/L
BN90920	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.131	0.001	0.05	0.05	mg/L
BN90920	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	6.40	0.053	0.3	0.3	mg/L
BN90920	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	53.9	0.11	20	20	mg/L
BN90920	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	61.8	0.01	0.3	0.3	mg/L
BN90920	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	7.17	0.050	0.3	0.3	mg/L
BN90920	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	50.6	0.1	20	20	mg/L
BN90920	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.052	0.002	0.025	0.025	mg/L
BN90921	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	23	5.0	5	5	ug/L
BN90921	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.3	1.0	5	5	ug/L
BN90921	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	23	5.0	10	10	ug/L
BN90921	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90921	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90921	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN90921	$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBN90919 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN90921	$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1.0	0.35	0.35	ug/L
BN90921	$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	10	5.0	5	5	ug/L
BN90921	$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BN90921	$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90921	$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90921	$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BN90921	$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BN90921	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BN90921	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	12.1	0.010	0.1	0.1	mg/L
BN90921	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.948	0.005	0.3	0.3	mg/L
BN90921	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	60.8	0.11	20	20	mg/L
BN90921	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	37.2	0.01	0.3	0.3	mg/L
BN90921	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.20	0.005	0.3	0.3	mg/L
BN90921	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	58.2	0.1	20	20	mg/L
BN90922	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BN90922	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BN90922	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐

Temp 4 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370 Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone: 631-504-6000
☒ Email: File

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 58 Greenpoint Ave Brooklyn, NY
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Thomas Gallo Date: 8-10-16

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides / PCB's	TAL Metals (dissolved = unfiltered)	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container [ ] 1oz	GL Soil container [ ] 1oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL HZSO4 [ ] 125ml [ ] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
90919	MW2	GW	8-10-16	8:30	X	X	X	X				3	3	1		1		
90920	MW1	GW	8-10-16	9:30	X	X	X	X				3	3	1		1		
90921	GW Duplicate	GW	8-10-16		X	X	X	X				3	3	1		1		
90922	Trip Blanks				X							2						

Relinquished by:	Accepted by:	Date:	Time:
Thomas Gallo		8-10-16	6:40
	Caroline	8-11-16	1549

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
*SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☒ EQuIS
☐ NJ Hazsite EDD
☒ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv.*
☒ NY Enhanced (ASP B)*
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, July 21, 2016

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 58 GREENPOINT AVE BROOKLYN
Sample ID#s: BN72927 - BN72932

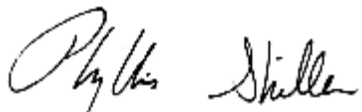
This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,



Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

July 21, 2016

SDG I.D.: GBN72927

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	EK	07/13/16	14:42
Location Code:	EBC	Received by:	SW	07/14/16	14:58
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13641				

Laboratory Data

SDG ID: GBN72927
Phoenix ID: BN72927

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trimethylbenzene	2.55	*0.204*	0.204	12.5	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3,5-Trimethylbenzene	0.792	*0.204*	0.204	3.89	*1.00*	1.00	07/14/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Ethyltoluene	0.589	*0.204*	0.204	2.89	*1.00*	1.00	07/14/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.997	*0.244*	0.244	4.08	*1.00*	1.00	07/14/16	KCA	1	
Acetone	101	*4.21*	4.21	240	*10.0*	10.0	07/14/16	KCA	10	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzene	6.47	*0.313*	0.313	20.7	*1.00*	1.00	07/14/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 1

Phoenix I.D.: BN72927

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Disulfide	0.905	*0.321*	0.321	2.82	*1.00*	1.00	07/14/16	KCA	1	
Carbon Tetrachloride	0.515	*0.040*	0.040	3.24	*0.25*	0.25	07/14/16	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroform	3.34	*0.205*	0.205	16.3	*1.00*	1.00	07/14/16	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	07/14/16	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Cyclohexane	5.09	*0.291*	0.291	17.5	*1.00*	1.00	07/14/16	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	07/14/16	KCA	1	
Dichlorodifluoromethane	0.569	*0.202*	0.202	2.81	*1.00*	1.00	07/14/16	KCA	1	
Ethanol	118	*5.31*	5.31	222	*10.0*	10.0	07/14/16	KCA	10	1
Ethyl acetate	0.777	*0.278*	0.278	2.80	*1.00*	1.00	07/14/16	KCA	1	1
Ethylbenzene	3.03	*0.230*	0.230	13.1	*1.00*	1.00	07/14/16	KCA	1	
Heptane	5.35	*0.244*	0.244	21.9	*1.00*	1.00	07/14/16	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexane	8.00	*0.284*	0.284	28.2	*1.00*	1.00	07/14/16	KCA	1	
Isopropylalcohol	20.5	*0.407*	0.407	50.4	*1.00*	1.00	07/14/16	KCA	1	
Isopropylbenzene	0.208	*0.204*	0.204	1.02	*1.00*	1.00	07/14/16	KCA	1	
m,p-Xylene	9.90	*0.230*	0.230	43.0	*1.00*	1.00	07/14/16	KCA	1	
Methyl Ethyl Ketone	5.75	*0.339*	0.339	16.9	*1.00*	1.00	07/14/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
Methylene Chloride	ND	*0.288*	0.288	ND	*1.00*	1.00	07/14/16	KCA	1	
n-Butylbenzene	0.191	*0.182*	0.182	1.05	*1.00*	1.00	07/14/16	KCA	1	1
o-Xylene	3.22	*0.230*	0.230	14.0	*1.00*	1.00	07/14/16	KCA	1	
Propylene	2.10	*0.581*	0.581	3.61	*1.00*	1.00	07/14/16	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
Styrene	0.356	*0.235*	0.235	1.52	*1.00*	1.00	07/14/16	KCA	1	
Tetrachloroethene	0.911	*0.037*	0.037	6.18	*0.25*	0.25	07/14/16	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	07/14/16	KCA	1	1
Toluene	21.8	*0.266*	0.266	82.1	*1.00*	1.00	07/14/16	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichloroethene	0.427	*0.047*	0.047	2.29	*0.25*	0.25	07/14/16	KCA	1	
Trichlorofluoromethane	0.268	*0.178*	0.178	1.50	*1.00*	1.00	07/14/16	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	07/14/16	KCA	1	
Vinyl Chloride	ND	*0.098*	0.098	ND	*0.25*	0.25	07/14/16	KCA	1	
QA/QC Surrogates										
% Bromofluorobenzene	107	%	%	107	%	%	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 1

Phoenix I.D.: BN72927

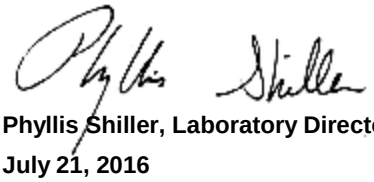
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 21, 2016

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	EK	07/13/16	14:47
Location Code:	EBC	Received by:	SW	07/14/16	14:58
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	464				

Laboratory Data

SDG ID: GBN72927
Phoenix ID: BN72928

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trimethylbenzene	1.48	*0.204*	0.204	7.27	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3,5-Trimethylbenzene	0.390	*0.204*	0.204	1.92	*1.00*	1.00	07/14/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Ethyltoluene	0.317	*0.204*	0.204	1.56	*1.00*	1.00	07/14/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.417	*0.244*	0.244	1.71	*1.00*	1.00	07/14/16	KCA	1	
Acetone	21.3	*0.421*	0.421	50.6	*1.00*	1.00	07/14/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzene	3.76	*0.313*	0.313	12.0	*1.00*	1.00	07/14/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 2

Phoenix I.D.: BN72928

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Disulfide	0.791		*0.321*	0.321	2.46	*1.00*	1.00	07/14/16	KCA	1	
Carbon Tetrachloride	ND		*0.040*	0.040	ND	*0.25*	0.25	07/14/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroform	1.27		*0.205*	0.205	6.20	*1.00*	1.00	07/14/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/14/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Cyclohexane	3.18		*0.291*	0.291	10.9	*1.00*	1.00	07/14/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/14/16	KCA	1	
Dichlorodifluoromethane	0.317		*0.202*	0.202	1.57	*1.00*	1.00	07/14/16	KCA	1	
Ethanol	33.1		*0.531*	0.531	62.3	*1.00*	1.00	07/14/16	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	1
Ethylbenzene	1.78		*0.230*	0.230	7.72	*1.00*	1.00	07/14/16	KCA	1	
Heptane	4.16		*0.244*	0.244	17.0	*1.00*	1.00	07/14/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexane	8.43		*0.284*	0.284	29.7	*1.00*	1.00	07/14/16	KCA	1	
Isopropylalcohol	1.20	S	*0.407*	0.407	2.95	*1.00*	1.00	07/14/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/14/16	KCA	1	
m,p-Xylene	6.03		*0.230*	0.230	26.2	*1.00*	1.00	07/14/16	KCA	1	
Methyl Ethyl Ketone	1.28		*0.339*	0.339	3.77	*1.00*	1.00	07/14/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
Methylene Chloride	1.13	S	*0.288*	0.288	3.92	*1.00*	1.00	07/14/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
o-Xylene	1.88		*0.230*	0.230	8.16	*1.00*	1.00	07/14/16	KCA	1	
Propylene	4.85		*0.581*	0.581	8.34	*1.00*	1.00	07/14/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	07/14/16	KCA	1	
Tetrachloroethene	0.603		*0.037*	0.037	4.09	*0.25*	0.25	07/14/16	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	07/14/16	KCA	1	1
Toluene	15.4		*0.266*	0.266	58.0	*1.00*	1.00	07/14/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichloroethene	0.531		*0.047*	0.047	2.85	*0.25*	0.25	07/14/16	KCA	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/14/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	07/14/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	102		*%*	%	102	*%*	%	07/14/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

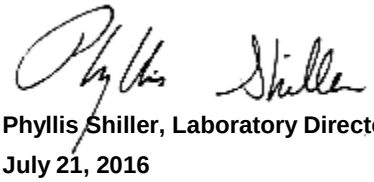
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
July 21, 2016
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	EK	07/13/16	14:57
Location Code:	EBC	Received by:	SW	07/14/16	14:58
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12858				

Laboratory Data

SDG ID: GBN72927
Phoenix ID: BN72929

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trimethylbenzene	2.67	*0.204*	0.204	13.1	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3,5-Trimethylbenzene	0.760	*0.204*	0.204	3.73	*1.00*	1.00	07/14/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Dichlorobenzene	0.465	*0.166*	0.166	2.79	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Ethyltoluene	0.580	*0.204*	0.204	2.85	*1.00*	1.00	07/14/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.665	*0.244*	0.244	2.72	*1.00*	1.00	07/14/16	KCA	1	
Acetone	19.2	*0.421*	0.421	45.6	*1.00*	1.00	07/14/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzene	7.75	*0.313*	0.313	24.7	*1.00*	1.00	07/14/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 3

Phoenix I.D.: BN72929

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Tetrachloride	ND		*0.040*	0.040	ND	*0.25*	0.25	07/14/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroform	2.86		*0.205*	0.205	14.0	*1.00*	1.00	07/14/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/14/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Cyclohexane	5.70		*0.291*	0.291	19.6	*1.00*	1.00	07/14/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/14/16	KCA	1	
Dichlorodifluoromethane	0.544		*0.202*	0.202	2.69	*1.00*	1.00	07/14/16	KCA	1	
Ethanol	57.2	E	*0.531*	0.531	108	*1.00*	1.00	07/14/16	KCA	1	1
Ethyl acetate	0.413		*0.278*	0.278	1.49	*1.00*	1.00	07/14/16	KCA	1	1
Ethylbenzene	3.82		*0.230*	0.230	16.6	*1.00*	1.00	07/14/16	KCA	1	
Heptane	4.93		*0.244*	0.244	20.2	*1.00*	1.00	07/14/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexane	10.9		*0.284*	0.284	38.4	*1.00*	1.00	07/14/16	KCA	1	
Isopropylalcohol	2.13	S	*0.407*	0.407	5.23	*1.00*	1.00	07/14/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/14/16	KCA	1	
m,p-Xylene	12.5		*0.230*	0.230	54.2	*1.00*	1.00	07/14/16	KCA	1	
Methyl Ethyl Ketone	1.29		*0.339*	0.339	3.80	*1.00*	1.00	07/14/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
Methylene Chloride	1.56	S	*0.288*	0.288	5.42	*1.00*	1.00	07/14/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
o-Xylene	4.05		*0.230*	0.230	17.6	*1.00*	1.00	07/14/16	KCA	1	
Propylene	1.57		*0.581*	0.581	2.70	*1.00*	1.00	07/14/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
Styrene	0.390		*0.235*	0.235	1.66	*1.00*	1.00	07/14/16	KCA	1	
Tetrachloroethene	85.7		*0.369*	0.369	581	*2.50*	2.50	07/15/16	KCA	10	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	07/14/16	KCA	1	1
Toluene	31.5		*0.266*	0.266	119	*1.00*	1.00	07/14/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichloroethene	213		*0.466*	0.466	1140	*2.50*	2.50	07/15/16	KCA	10	
Trichlorofluoromethane	0.282		*0.178*	0.178	1.58	*1.00*	1.00	07/14/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/14/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	07/14/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	107		*%*	%	107	*%*	%	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 3

Phoenix I.D.: BN72929

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

July 21, 2016

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	EK	07/13/16	14:49
Location Code:	EBC	Received by:	SW	07/14/16	14:58
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12859				

Laboratory Data

SDG ID: GBN72927
Phoenix ID: BN72930

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: IA 1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trimethylbenzene	5.99	*0.204*	0.204	29.4	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3,5-Trimethylbenzene	2.06	*0.204*	0.204	10.1	*1.00*	1.00	07/14/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Ethyltoluene	1.21	*0.204*	0.204	5.94	*1.00*	1.00	07/14/16	KCA	1	1
4-Isopropyltoluene	0.245	*0.182*	0.182	1.34	*1.00*	1.00	07/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	
Acetone	ND	*0.421*	0.421	ND	*1.00*	1.00	07/14/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzene	20.2	*0.313*	0.313	64.5	*1.00*	1.00	07/14/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: IA 1

Phoenix I.D.: BN72930

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Tetrachloride	ND		*0.040*	0.040	ND	*0.25*	0.25	07/14/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroform	0.620		*0.205*	0.205	3.03	*1.00*	1.00	07/14/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/14/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Cyclohexane	23.0		*0.291*	0.291	79.1	*1.00*	1.00	07/14/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/14/16	KCA	1	
Dichlorodifluoromethane	0.572		*0.202*	0.202	2.83	*1.00*	1.00	07/14/16	KCA	1	
Ethanol	53.7		*2.66*	2.66	101	*5.01*	5.01	07/14/16	KCA	5	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	1
Ethylbenzene	8.15		*0.230*	0.230	35.4	*1.00*	1.00	07/14/16	KCA	1	
Heptane	11.5		*0.244*	0.244	47.1	*1.00*	1.00	07/14/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexane	46.1		*1.42*	1.42	162	*5.00*	5.00	07/14/16	KCA	5	
Isopropylalcohol	1.53	S	*0.407*	0.407	3.76	*1.00*	1.00	07/14/16	KCA	1	
Isopropylbenzene	0.404		*0.204*	0.204	1.98	*1.00*	1.00	07/14/16	KCA	1	
m,p-Xylene	23.6		*0.230*	0.230	102	*1.00*	1.00	07/14/16	KCA	1	
Methyl Ethyl Ketone	0.742		*0.339*	0.339	2.19	*1.00*	1.00	07/14/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
Methylene Chloride	1.03	S	*0.288*	0.288	3.58	*1.00*	1.00	07/14/16	KCA	1	
n-Butylbenzene	0.291		*0.182*	0.182	1.60	*1.00*	1.00	07/14/16	KCA	1	1
o-Xylene	9.64		*0.230*	0.230	41.8	*1.00*	1.00	07/14/16	KCA	1	
Propylene	18.4		*0.581*	0.581	31.6	*1.00*	1.00	07/14/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
Styrene	0.525		*0.235*	0.235	2.23	*1.00*	1.00	07/14/16	KCA	1	
Tetrachloroethene	0.810		*0.037*	0.037	5.49	*0.25*	0.25	07/14/16	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	07/14/16	KCA	1	1
Toluene	62.6		*1.33*	1.33	236	*5.01*	5.01	07/14/16	KCA	5	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichloroethene	0.231		*0.047*	0.047	1.24	*0.25*	0.25	07/14/16	KCA	1	
Trichlorofluoromethane	0.251		*0.178*	0.178	1.41	*1.00*	1.00	07/14/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/14/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	07/14/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	104		*%*	%	104	*%*	%	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: IA 1

Phoenix I.D.: BN72930

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

July 21, 2016

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	EK	07/13/16	14:58
Location Code:	EBC	Received by:	SW	07/14/16	14:58
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19854				

Laboratory Data

SDG ID: GBN72927
Phoenix ID: BN72931

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	1
1,1,1-Trichloroethane	0.258	*0.183*	0.183	1.41	*1.00*	1.00	07/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trimethylbenzene	2.44	*0.204*	0.204	12.0	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3,5-Trimethylbenzene	0.698	*0.204*	0.204	3.43	*1.00*	1.00	07/14/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Dichlorobenzene	0.171	*0.166*	0.166	1.03	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
2-Hexanone(MBK)	0.286	*0.244*	0.244	1.17	*1.00*	1.00	07/14/16	KCA	1	1
4-Ethyltoluene	0.576	*0.204*	0.204	2.83	*1.00*	1.00	07/14/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.436	*0.244*	0.244	1.78	*1.00*	1.00	07/14/16	KCA	1	
Acetone	34.4	*0.421*	0.421	81.7	*1.00*	1.00	07/14/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzene	5.03	*0.313*	0.313	16.1	*1.00*	1.00	07/14/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 4

Phoenix I.D.: BN72931

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Tetrachloride	ND		*0.040*	0.040	ND	*0.25*	0.25	07/14/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroform	1.87		*0.205*	0.205	9.12	*1.00*	1.00	07/14/16	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	07/14/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Cyclohexane	3.84		*0.291*	0.291	13.2	*1.00*	1.00	07/14/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/14/16	KCA	1	
Dichlorodifluoromethane	0.591		*0.202*	0.202	2.92	*1.00*	1.00	07/14/16	KCA	1	
Ethanol	20.1		*0.531*	0.531	37.8	*1.00*	1.00	07/14/16	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	1
Ethylbenzene	3.44		*0.230*	0.230	14.9	*1.00*	1.00	07/14/16	KCA	1	
Heptane	5.02		*0.244*	0.244	20.6	*1.00*	1.00	07/14/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexane	12.3		*0.284*	0.284	43.3	*1.00*	1.00	07/14/16	KCA	1	
Isopropylalcohol	3.24	S	*0.407*	0.407	7.96	*1.00*	1.00	07/14/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/14/16	KCA	1	
m,p-Xylene	11.4		*0.230*	0.230	49.5	*1.00*	1.00	07/14/16	KCA	1	
Methyl Ethyl Ketone	1.60		*0.339*	0.339	4.72	*1.00*	1.00	07/14/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
Methylene Chloride	0.605	S	*0.288*	0.288	2.10	*1.00*	1.00	07/14/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
o-Xylene	3.69		*0.230*	0.230	16.0	*1.00*	1.00	07/14/16	KCA	1	
Propylene	13.8		*0.581*	0.581	23.7	*1.00*	1.00	07/14/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
Styrene	0.403		*0.235*	0.235	1.72	*1.00*	1.00	07/14/16	KCA	1	
Tetrachloroethene	241		*1.11*	1.11	1630	*7.52*	7.52	07/15/16	KCA	30	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	07/14/16	KCA	1	1
Toluene	21.5		*0.266*	0.266	81.0	*1.00*	1.00	07/14/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichloroethene	365		*0.466*	0.466	1960	*2.50*	2.50	07/15/16	KCA	10	
Trichlorofluoromethane	0.285		*0.178*	0.178	1.60	*1.00*	1.00	07/14/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/14/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	07/14/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	105		*%*	%	105	*%*	%	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: SV 4

Phoenix I.D.: BN72931

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

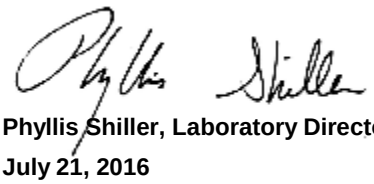
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
July 21, 2016
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 21, 2016

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	EK	07/13/16	14:53
Location Code:	EBC	Received by:	SW	07/14/16	14:58
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	18851				

Laboratory Data

SDG ID: GBN72927
Phoenix ID: BN72932

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: OA 1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2,4-Trimethylbenzene	0.347	*0.204*	0.204	1.70	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	07/14/16	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	07/14/16	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	
Acetone	6.07	*0.421*	0.421	14.4	*1.00*	1.00	07/14/16	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	07/14/16	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	07/14/16	KCA	1	

Project ID: 58 GREENPOINT AVE BROOKLYN
Client ID: OA 1

Phoenix I.D.: BN72932

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	07/14/16	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	07/14/16	KCA	1	
Carbon Tetrachloride	ND		*0.040*	0.040	ND	*0.25*	0.25	07/14/16	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	07/14/16	KCA	1	
Chloromethane	0.563		*0.485*	0.485	1.16	*1.00*	1.00	07/14/16	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Cyclohexane	0.354		*0.291*	0.291	1.22	*1.00*	1.00	07/14/16	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	07/14/16	KCA	1	
Dichlorodifluoromethane	0.532		*0.202*	0.202	2.63	*1.00*	1.00	07/14/16	KCA	1	
Ethanol	10.6		*0.531*	0.531	20.0	*1.00*	1.00	07/14/16	KCA	1	1
Ethyl acetate	0.504		*0.278*	0.278	1.82	*1.00*	1.00	07/14/16	KCA	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	07/14/16	KCA	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	07/14/16	KCA	1	
Hexane	0.559	S	*0.284*	0.284	1.97	*1.00*	1.00	07/14/16	KCA	1	
Isopropylalcohol	2.75	S	*0.407*	0.407	6.76	*1.00*	1.00	07/14/16	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	07/14/16	KCA	1	
m,p-Xylene	0.484		*0.230*	0.230	2.10	*1.00*	1.00	07/14/16	KCA	1	
Methyl Ethyl Ketone	0.554		*0.339*	0.339	1.63	*1.00*	1.00	07/14/16	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	07/14/16	KCA	1	
Methylene Chloride	0.388	S	*0.288*	0.288	1.35	*1.00*	1.00	07/14/16	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	07/14/16	KCA	1	
Propylene	0.756		*0.581*	0.581	1.30	*1.00*	1.00	07/14/16	KCA	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	07/14/16	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	07/14/16	KCA	1	
Tetrachloroethene	0.169		*0.037*	0.037	1.15	*0.25*	0.25	07/14/16	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	07/14/16	KCA	1	1
Toluene	1.09		*0.266*	0.266	4.11	*1.00*	1.00	07/14/16	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	07/14/16	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	07/14/16	KCA	1	
Trichloroethene	ND		*0.047*	0.047	ND	*0.25*	0.25	07/14/16	KCA	1	
Trichlorofluoromethane	0.248		*0.178*	0.178	1.39	*1.00*	1.00	07/14/16	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	07/14/16	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	07/14/16	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	07/14/16	KCA	1	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

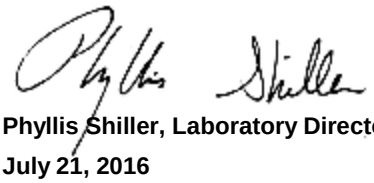
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 21, 2016

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

GBN72927 - EBC

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
800-827-5426
email: greg@phoenixlabs.com

P.O. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: rbennett@ebcincny.com; File
☐ Phone #:

Report to: ROB	Invoice to: EBC	Project Name: 58 Greenpoint Ave Brooklyn NY
Customer: EBC	1808 Middle Country Road	Requested Deliverable: RCP ☐ ASP CAT B ☒
Address:	Ridge, NY	MCP ☐ NJ Deliverables ☐
	Sampled by: Eleni Kavvadias	State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
72927	SV1	13641	6.0	-30	-3	5646	43	12:38pm	2:42pm	7-13-16	-30	-5		X			X
72928	SV2	464	6.0	-30	0	4991		12:41pm	2:47pm	7-13-16	-30	-2		X			X
72929	SV3	12858	6.0	-30	-3	5707		12:45pm	2:57pm	7-13-16	-30	-5		X			X
72930	IA1	12859	6.0	-30	-1	3507		12:42pm	2:49pm	7-13-16	-30	-4	X				X
72931	SV4	19854	6.0	-30	0	6235		12:48pm	2:58pm	7-13-16	-30	-2		X			X
72932	OA1	18857	6.0	-30	-4	3414		12:51pm	2:53pm	7-13-16	-30	-4	X				X
	Did NOT Use	19969	6.0	-30		5030											
	6L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
		7-14-16	11:15
		7-14-16	1458

Data Format:
Excel ☒ Equis ☒
PDF ☒ Other:

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
* 5 day TAT

Requested Criteria

Quote Number:

I attest that all media released by Phoe received in good working condition back of this document:

Signature: