

Identify

Evaluate

**PHASE II ENVIRONMENTAL  
SITE INVESTIGATION**



**20 Luquer Street  
Brooklyn, NY 11231  
Block 520; Lot 13**

**Prepared by:**

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**Prepared for:**

**AAD Construction Corp.  
141 Dwight Street  
Brooklyn, NY 11231**

**April 26, 2019**

Solve

Execute

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## CERTIFICATION

This Phase II Environmental Site Investigation (ESI) was performed in general conformance with the New York State Department of Environmental Conservation (NYSDEC) Technical Guidance for Site Investigation and Remediation DER-10. This Phase II ESI was performed and written by:

Nikita Subramanian

April 26, 2019



Environmental Scientist

Date

Signature

I, Cheryl Benmergui, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Phase II ESI for the Site located at 20 Luquer Street, Brooklyn, NY 11231. I am responsible for the content of this Phase II ESI Report, have reviewed its contents and certify that this Phase II ESI Report is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Cheryl Benmergui

April 26, 2019



Qualified Environmental Professional

Date

Signature



## **1.0 EXECUTIVE SUMMARY**

ALC Environmental (ALC) was contracted by AAD Construction Corp. (the “Client”) to perform a Phase II Environmental Site Investigation (ESI) at the property located at 20 Luquer Street, Brooklyn, NY 11231 (the “Site”). The purpose of this investigation was to address recognized environmental conditions (RECs) and areas of concern (AOCs) identified in the Phase I Environmental Site Assessment (ESA) report.

### **1.1 Site Location and Current Usage**

The Site is located at 20 Luquer Street in the Carroll Gardens Section of the New York City (NYC) Borough of Brooklyn. The Site is currently an undeveloped vacant lot and is approximately 0.1492-acres in size (6,500 square feet). The subject property is primarily comprised of urban fill material with concrete paved areas located on the northwest corner and eastern portion of the property. The Site is identified by the NYC Department of Finance as Block 520 and Lot 13.

The subject parcels are located on the southern side of Luquer Street, between Hicks Street to the east and Columbia Street to the west. The Site Location is presented in **Figure 1**.

### **1.2 Description of Surrounding Properties**

The general vicinity of the surrounding area is comprised of multi-family residential development, an industrial/manufacturing facility, and vacant land. The Site is bound to the north by Luquer street, followed by four (4) 2-story and 3-story residential buildings; bound to the east by a vacant lot; bound to the south by a 2-story Industrial/Manufacturing facility, followed by a vacant lot; and bound to the west by a 2-story multi-family residential building. The institutional facility PS 27 Agnes Y Humphrey is located within 500 feet south from the Site. No other institutional facilities, day cares, or hospitals are located within 500 feet from the Site. No heavy manufacturing was observed in the immediate proximity to the Subject Property.

### **1.3 Description of Proposed Work**

The proposed work will consist of new construction of a 3-story building with 12 residential units and a cellar. The proposed development will total approximately 8,500 square-feet (SF). The proposed footprint of the development will occupy approximately 6,402.41 SF, and equivalent to the proposed cellar footprint. The cellar will feature underground parking, bicycle storage room, and utility rooms. Floors one through three will feature four (4) residential units each, with two (2) apartments on the first floor assigned for handicapped residents. The proposed excavation depth for construction of the new cellar is approximately 10 feet below grade, extending into the groundwater table.

#### 1.4 Prior On-site Recognized Environmental Conditions

On March 11, 2019, ALC performed a Phase I ESA at the Site. Below is a summary of the RECs and AOCs identified at the Site:

- Review of a prior report indicated that the former warehouse observed in historical Sanborn maps was utilized as various automotive repair shops for at least 40 years. In addition, during ALC's site inspection, two small structures were observed in the concrete pavement under a construction truck on the western side of the Subject Property that may be suspect floor drains; however, it could not be determined from the site inspection. The suspect floor drains are in the location of the former structure that according to the current owner was a former "garage" that was demolished shortly after the currently owner acquired the property.
- As per the historical Sanborn maps reviewed, the east adjacent property has been occupied by a "shop" building since at least 1950 through 2007. A review of city directories indicates this building has been occupied by a welding shop and an auto repair shop during this time period. Historical waste streams associated with the welding and service shop operations consist of general hazardous substances and/or petroleum products. A significant portion of this time period preceded major environmental regulations and current waste management and disposal procedures. The historical uses of this adjacent site are considered a REC, given the nature and extent of storage, usage, and disposal of hazardous materials likely associated with the former welding shop and automotive garage are not known.
- As per the historical Sanborn maps reviewed, the south adjacent property has been occupied by a vacant lot noted as "Tank Stge" since at least 1977 through 2007. A review of aerial photographs and observations during the site reconnaissance noted that the vacant lot consists of a dirt lot utilized as storage for used/old aboveground storage tanks staged directly on the soil. The historical uses of this adjacent site are considered a REC, given that these older tanks are staged directly on the soil and have the potential to leak any unknown/remaining contents onto the exposed soil.
- As per the historical Sanborn maps reviewed, the southeast adjacent property has been occupied by the Cardinal Eng. & Boiler Works Inc. Iron Working since at least 1950 through 2007. Historical waste streams associated with the iron working operations consist of hazardous substances and/or petroleum products. A significant portion of this time period preceded major environmental regulations and current waste management and disposal procedures. The historical uses of this adjacent site are considered a REC, given the nature and extent of storage, usage, and disposal of hazardous materials likely associated with Cardinal Eng. & Boiler Works Inc. Iron Working are not known.

The findings are included in ALC's Phase I ESA report dated March 22, 2019.

## **1.5 Regulatory Standards**

The sampling procedures of this investigation were performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Technical Guidance for Site Investigation and Remediation Division of Environmental Remediation-10 (DER-10).

Soil vapor sampling was performed in accordance with the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006).

## 2.0 SITE INVESTIGATION/FILED ACTIVITIES

The objective of this ESI was to evaluate potential impacts associated with the identified RECs and AOCs. Soil and groundwater sampling procedures of this investigation were performed in accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation DER-10, dated May 2010, and Sampling Guidelines and Protocols, dated March 1991. Soil vapor sampling was conducted in accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). On March 20, 2019, ALC performed the following activities at the site:

- Five (5) soil borings were advanced at the Site. A total of ten (10) soil samples were collected and submitted for chemical analysis.
- Three (3) temporary groundwater monitoring wells were installed. Three (3) groundwater samples were collected and submitted for chemical analysis.
- Five (5) soil vapor probes were installed at the Site. Five (5) soil vapor samples were collected and submitted for chemical analysis.
- Recovered soils were assessed for lithology and field-screened with a photo-ionization detector (PID).

### 2.1 Soil Investigation

On April 12, 2019, ALC utilized Core Down Drilling (CDD) to advance five (5) soil borings at the Site. Three (3) soil borings were advanced to reach a proposed depth of 12 feet (ft) below grade surface (bgs) within the proposed excavation area. Two (2) soil borings were advanced to reach a proposed depth of 6 ft bgs within the proposed unexcavated area.

Soil boring advancement was conducted utilizing a Geoprobe® 54DT direct push drill rig. Soil samples were continuously collected at the Site in clear acetate liners via pneumatically advanced Geoprobe 4-foot MacroCore® samplers. Each liner was cut open and immediately screened with a properly calibrated PID.

Soils encountered during this investigation consisted of Historic Fill Material to a maximum depth of 8 ft bgs, underlain by native material consisting of silty sand, with some amounts of gravel. Fill material consisted mainly of brick and concrete. No elevated PID readings greater than zero (0.0) parts per million (ppm) were observed from recovered soil cores. Several attempts were made to advance soil borings in the area proposed for underground parking. However, refusal consistent with concrete was encountered at depths of 1.5-2 ft bgs. Soil boring locations are presented in **Figure 2**. The soil boring log report is included in **Appendix B**.

Soil samples were collected from acetate sleeves and transferred to appropriate laboratory bottles. The soil samples, under proper chain of custody record, were

submitted to York Analytical Laboratories, Inc. (York) (NYS License No. 10854 and 12058) for analysis of:

- Volatile organic compounds (VOCs) by EPA Method 8260;
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270;
- Total Analyte List (TAL) Metals by EPA Method 6010 and 7471;
- Mercury by EPA Method 7473;
- Pesticides/Polychlorinated biphenyls (PCBs) by EPA Method 8081/8082.

## **Soil Chemistry**

The analytical results of the soil samples collected during this investigation were compared to the NYSDEC Title 6 New York Codes, Rules and Regulations (6NYCRR) Part 375-6 Unrestricted Use (Track 1), Residential Use and Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs). Below is a summary of the findings:

### **Soil Sample SB-01 0-2**

- Five (5) SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. Two (2) SVOC compounds, benzo(k)fluoranthene and chrysene, were detected in the soil sample at concentrations above their respective Track 2 Residential Use SCOs but below their respective Track 2 Restricted Residential Use SCOs. Ten (10) SVOCs, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Six (6) SVOCs, 2-methylnaphthalene, benzoic acid, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, carbazole, di-n-butyl phthalate, were also detected in the soil sample however, SCOs have not been established for these analytes.
- Four (4) metals, barium, copper, lead, and mercury, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. Two (2) metals, cadmium and nickel, were detected in the soil sample at concentrations above their respective Track 2 Residential Use SCOs but below their respective Track 2 Restricted Residential Use SCOs. Two (2) metals, silver and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCOs but below their respective Track 2 Use SCOs. Three (3) metals, arsenic, beryllium, and manganese, were detected below their respective Track 1 Use SCOs. Ten (10) metals, aluminum, antimony, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected in the soil samples however, SCOs have not been established for these analytes.



- One (1) pesticide, 4,4'-DDT, was detected in the soil sample at a concentration above the Track 1 Use SCO but below the Track 2 Use SCO. One (1) pesticide, alpha-chlordane, was detected at a concentration below the Track 1 Use SCO.
- VOCs and PCBs were not detected in the soil sample.

#### **Soil Sample SB-01 4-6**

- Two (2) VOCs, acetone and methylene chloride, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. However, acetone is a common laboratory contaminant.
- Five (5) SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. Two (2) SVOC compounds, benzo(k)fluoranthene and chrysene, were detected in the soil sample at concentrations above their respective Track 2 Residential Use SCOs but below their respective Track 2 Restricted Residential Use SCOs. Ten (10) SVOCs, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Five (5) SVOCs, 1,1-biphenyl, 2-methylnaphthalene, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, and carbazole, were also detected in the soil sample however, SCOs have not been established for these analytes.
- Five (5) metals, arsenic, barium, copper, mercury, and lead, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. One (1) metal, cadmium, was detected at a concentration above the Track 2 Residential Use SCO, but below the Track 2 Restricted Residential Use SCO. Two (2) metals, nickel and zinc, were detected at concentrations above their respective Track 1 Use SCOs but below their respective Track 2 Use SCOs. Two (2) metals, beryllium and manganese, were detected at concentrations below their respective Track 1 Use SCOs. Ten (10) metals, aluminum, antimony, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected in the soil sample however, SCOs have not been established for these analytes.
- Three (3) pesticides, alpha-chlordane, total chlordane, and gamma-chlordane, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs.
- PCBs were not detected in the soil sample.

#### **Soil Sample SB-02 0-2**

- Six (6) SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-

cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCO. One (1) SVOC compound, benzo(k)fluoranthene, was detected in the soil sample at a concentration above the Track 2 Residential Use SCO but below the Track 2 Restricted Residential Use SCO. Ten (10) SVOCs, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCO. Eight (8) SVOCs, 1,1-biphenyl, 2-methylnaphthalene, 3-&4-methylphenols, aniline, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, carbazole, and di-n-butyl phthalate, were also detected in the soil sample however, SCOs have not been established for these analytes.

- Three (3) metals, barium, mercury, and lead, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCO. Four (4) metals, arsenic, copper, nickel, and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCO but below their respective Track 2 Use SCO. Three (3) metals, beryllium, cadmium, and manganese, were detected in the sample at concentrations below their respective Track 1 Use SCO. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected in the soil sample however, SCOs have not been established for these analytes.
- One (1) pesticide, 4,4'-DDT, was detected in the sample at a concentration above the Track 1 Use SCO but below the Track 2 Use SCO. Two (2) pesticides, alpha-chlordane and gamma-chlordane, were detected in the sample at concentrations below their respective Track 1 Use SCO.
- Two (2) PCBs, aroclor 1260 and total PCBs, were detected in the sample at concentrations below their respective Track 1 Use SCO.
- VOCs were not detected in the soil sample.

#### **Soil Sample SB-02 4-6**

- Two (2) VOC compounds, acetone and tetrachloroethylene, were detected in the soil sample at concentrations below their respective Track 1 Use SCO. However, acetone is a common laboratory contaminant.
- Seven (7) SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k) fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCO. Twelve (12) SVOCs, 2-methylphenol, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, phenol, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCO. Five (5) SVOCs, 1,1-biphenyl, 2,4-dimethylphenol, 2-methylnaphthalene, 3-

&4-methylphenols, and carbazole, were also detected in the soil sample however, SCOs have not been established for these analytes.

- Two (2) metals, lead and mercury, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. One (1) metal, barium, was detected in the soil sample at a concentration above the Track 2 Residential Use SCO but below the Track 2 Restricted Residential Use SCO. Two (2) metals, copper and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCOs but below their respective Track 2 Use SCOs. Five (5) metals, arsenic, beryllium, cadmium, manganese, and nickel, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected however, SCOs have not been established for these analytes.
- No pesticides or PCBs were detected in the soil sample.

#### **Soil Sample SB-03 0-2**

- Two (2) VOC compounds, acetone and tetrachloroethylene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. However, acetone is a common laboratory contaminant.
- Five (5) SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. Two (2) SVOCs, benzo(k) fluoranthene and chrysene, were detected in the soil sample at concentrations above their respective Track 2 Residential Use SCOs but below their respective Track 2 Restricted Residential Use SCOs. Twelve (12) SVOCs, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Five (5) SVOCs, 2-methylnaphthalene, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, carbazole, and di-n-butyl phthalate, were also detected in the soil sample however, SCOs have not been established for these analytes.
- Five (5) metals, arsenic, barium, copper, lead, and mercury was detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCOs. One (1) metal, cadmium, was detected in the soil sample at a concentration above the Track 2 Residential SCO but below the Track 2 Restricted Residential Use SCO. Two (2) metals, nickel and zinc, were detected in the soil sample at concentrations above their respective Track 1 SCOs but below their respective Track 2 SCOs. Two (2) metals, beryllium and manganese, were detected at concentrations below their respective Track 1 SCOs. Ten (10) metals, aluminum, antimony, calcium,

chromium, cobalt, iron, magnesium, potassium, sodium and vanadium were also detected however, SCO's have not been established for these analytes.

- One (1) pesticide, 4,4'-DDT, was detected in the soil sample at a concentration above the Track 1 SCO but below the Track 2 SCO. Four (4) pesticides, alpha-chlordane, total chlordane, endrin aldehyde, and gamma-chlordane, were detected in the soil sample at concentrations below their respective Track 1 SCO's.
- Two (2) PCBs, aroclor 1260 and total PCBs, were detected in the soil sample at concentrations below their respective Track 1 SCO's.

#### **Soil Sample SB-03 10-12**

- One (1) VOC compound, acetone, was detected in the soil sample at a concentration below the Track 1 Use SCO. However, acetone is a common laboratory contaminant.
- Seven (7) SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k) fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCO's. Twelve (12) SVOCs, 2-methylphenol, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, phenol, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCO's. Five (5) SVOCs, 1,1-biphenyl, 2,4-dimethylphenol, 2-methylnaphthalene, 3- & 4-methylphenols, and carbazole, were also detected in the soil sample however, SCO's have not been established for these analytes.
- Four (4) metals, lead, mercury, nickel, and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCO's but below their respective Track 2 Use SCO's. Four (4) metals, arsenic, barium, copper, and manganese, were detected in the soil sample at concentrations below their respective Track 1 Use SCO's. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium and vanadium were also detected however, SCO's have not been established for these analytes.
- Pesticides and PCBs were not detected in the soil sample.

#### **Soil Sample SB-04 0-2**

- Five (5) VOC compounds, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, methyl cyclohexane, and tetrachloroethylene, were detected in the soil sample at concentrations below their respective Track 1 Use SCO's. However, acetone is a common laboratory contaminant.
- Six (6) SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected in the soil sample at concentrations above their respective Track 2 Restricted Residential Use SCO's. One (1) SVOC compound, benzo(k)fluoranthene,

was detected at a concentration above the Track 2 Residential Use SCO but below the Track 2 Restricted Residential Use SCO. Five (5) SVOCs, anthracene, benzo(g,h,i)perylene, fluoranthene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. 2-methylnaphthalene was also detected in the soil sample however, SCOs have not been established for this analyte.

- Four (4) metals, arsenic, barium, mercury, and lead, were detected at concentrations above their respective Track 2 Restricted Residential Use SCOs. Two (2) metals, copper and zinc, were detected in the soil sample at concentrations above their respective Track 1 SCOs but below their respective Track 2 SCOs. Three (3) metals, cadmium, manganese, and nickel, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium and vanadium were also detected however, SCOs have not been established for these analytes.
- Pesticides and PCBs were not detected in the soil sample.

#### **Soil Sample SB-04 10-12**

- Four (4) VOCs, acetone, methylene chloride, p-isopropyl toluene, and tetrachloroethylene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. However, acetone is a common laboratory contaminant.
- Six (6) SVOCs, benzo(a)anthracene, benzo(a)pyrene, chrysene, fluoranthene, phenanthrene, and pyrene, were detected at concentrations below their respective Track 1 Use SCOs. Two (2) SVOCs, benzaldehyde and benzyl butyl phthalate, were also detected in the soil sample however, SCOs have not been established for these analytes.
- Three (3) metals, mercury, lead, and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCOs but below their respective Track 2 Use SCOs. Seven (7) metals, arsenic, barium, beryllium, cadmium, copper, manganese, and nickel, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium and vanadium were also detected however, SCOs have not been established for these analytes.
- Pesticides and PCBs were not detected in the soil sample.

#### **Soil Sample SB-05 0-2**

- Two (2) VOC compounds, acetone and tetrachloroethylene, was detected in the soil sample at concentrations below their respective Track 1 Use SCOs. However, acetone is a common laboratory contaminant.



- Ten (10) SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. One (1) SVOC compound, benzyl butyl phthalate, was also detected in the soil sample however, an SCO has not been established for this analyte.
- One (1) metal, mercury, was detected in the soil sample at a concentration above the Track 2 Restricted Residential Use SCO. Four (4) metals, copper, lead, nickel, and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCOs but below their respective Track 2 Use SCOs. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium and vanadium were also detected however, SCOs have not been established for these analytes.
- Three (3) pesticides, alpha-chlordane, total chlordane, and gamma-chlordane, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs.
- PCBs were not detected in the soil sample.

#### **Soil Sample SB-05 10-12**

- Two (2) VOC compound, 2-butanone and acetone, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. However, acetone is a common laboratory contaminant.
- Fifteen (15) SVOCs, acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. One (1) SVOC compound, carbazole, was also detected in the soil sample however, SCOs have not been established for this analyte.
- One (1) metal, mercury, was detected at a concentration above the Track 2 Restricted Residential Use SCO. Two (2) metals, lead and zinc, were detected in the soil sample at concentrations above their respective Track 1 Use SCOs but below their respective Track 2 Use SCOs. Six (6) metals, arsenic, barium, beryllium, copper, manganese, and nickel, were detected in the soil sample at concentrations below their respective Track 1 Use SCOs. Nine (9) metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, sodium and vanadium were also detected however, SCOs have not been established for these analytes.
- Pesticides and PCBs were not detected in the soil sample.

A summary of the soil sample analytical data is provided in **Table 1**. The laboratory analytical report is provided in **Appendix B**.

## **2.2 Groundwater Investigation**

On April 12, 2019, ALC utilized CDD to install three (3) temporary groundwater monitoring well points, designated as GW-01 through GW-03 within three (3) of the five (5) soil borings. Groundwater monitoring well locations are presented in **Figure 2**. Temporary groundwater monitoring well points were installed using standard direct push technology by first advancing a Geoprobe MacroCore to the intended depth, and then constructed with one-inch inside diameter (ID) slotted polyvinyl chloride (PVC) screen riser. All well points were installed to 12 ft bgs and constructed with 7 ft of riser and 5 ft of screen so as to span the water table. Well point GW-01 was installed within soil boring SB-02 with groundwater encountered at a depth of approximately 8.75 feet below grade, well point GW-02 was installed within soil boring SB-03 with groundwater encountered at approximately 8 feet below grade, and well point GW-03 was installed within soil boring SB-05 with groundwater encountered at approximately 8 ft below grade.

Three (3) groundwater samples were collected from the monitoring wells utilizing a peristaltic pump and dedicated tubing. In addition, one (1) laboratory trip blank sample was prepared for quality assurance and analyzed for VOCs. No light non-aqueous phase liquid (LNAPL) was detected in any of the temporary groundwater monitoring wells installed at the Site. The collected samples were submitted under proper chain of custody record to York for analysis of:

- VOCs by EPA Method 8260;
- SVOCs by EPA Method 8270;
- TAL Metals by EPA Method 6010 and 7471, for total and dissolved parameters; and
- Pesticides/PCBs by EPA Method 8081/8082

### **Groundwater Chemistry**

The groundwater samples collected during this investigation were compared to the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS). Below is a summary of the findings:

#### **GW-01**

- Five (5) VOC compounds, 1-1 dichloroethane, benzene, cis-1,2-dichloroethylene (c12-DCE), tetrachloroethylene (PCE), and trichloroethylene (TCE), were detected at concentrations below their respective TOGS 1.1.1 guidance values.
- Six (6) SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, were detected at concentrations above their respective TOGS 1.1.1 guidance values.

Four (4) SVOCs, anthracene, fluoranthene, phenanthrene, and pyrene, were detected at concentrations below their respective TOGS 1.1.1 guidance values. Two (2) SVOCs, benzo(g,h,i)fluoranthene and dibenzo(a,h)anthracene, were also detected in the sample, however regulatory limits have not been established for these analytes.

- Three (3) metals, lead, manganese, sodium, were detected at concentrations above their respective TOGS 1.1.1 guidance values and seven (7) metals, antimony, arsenic, barium, copper, magnesium, selenium, zinc, were detected at concentrations below their respective TOGS 1.1.1 guidance values. When filtered, two (2) metals, manganese and sodium, were detected at concentrations above their respective TOGS 1.1.1 guidance values and four (4) metals, arsenic, barium, magnesium, and zinc, were detected at concentrations below their respective TOGS 1.1.1 guidance values. Six (6) metals, aluminum, calcium, iron, and potassium, were also detected however, regulatory limits have not been established for these analytes. When filtered, two (2) metals, calcium and potassium were detected however, regulatory limits have not been established for these analytes.
- No pesticides or PCBs were detected in the sample.

#### **GW-02**

- Eight (8) VOC compounds, 1,1,1-trichloroethane (111-TCA), 1,1 dichloroethane, 1,2-dichloropropane, acetone, chloroform, c12-DCE, PCE, and TCE, were detected at concentrations below their respective TOGS 1.1.1 guidance values. However, acetone is a common laboratory contaminant.
- One (1) SVOC compound, fluoranthene, was detected in the sample at a concentration below the TOGS 1.1.1 guidance value.
- Two (2) metals, manganese and sodium, were detected at concentrations above their respective TOGS 1.1.1 guidance values and seven (7) metals, antimony, arsenic, barium, lead, magnesium, selenium, zinc, were detected at concentrations below their respective TOGS 1.1.1 guidance values. When filtered, two (2) metals, manganese and sodium, were detected at concentrations above their respective TOGS 1.1.1 guidance values and six (6) metals, antimony, arsenic, barium, magnesium, selenium, zinc were detected at concentrations below their respective TOGS 1.1.1 guidance values. Six (6) metals, aluminum, calcium, iron, and potassium, were also detected however, regulatory limits have not been established for these analytes. When filtered, three (3) metals, calcium, cobalt and potassium were detected however, regulatory limits have not been established for these analytes.
- No pesticides or PCBs were detected in the sample.

### **GW-03**

- Eight (8) VOC compounds, 111-TCA, 1,1 dichloroethane, 1,2-dichloropropane, chloroform, c12-DCE, p-isopropyl toluene, PCE, and TCE, were detected at concentrations below their respective TOGS 1.1.1 guidance values. However, acetone is a common laboratory contaminant.
- Two (2) SVOC compounds, fluoranthene and pyrene, was detected in the sample at concentrations below the TOGS 1.1.1 guidance value.
- Four (4) metals, antimony, lead, selenium, and sodium, were detected at concentrations above their respective TOGS 1.1.1 guidance values and seven (7) metals, arsenic, barium, chromium, copper, magnesium, manganese, and zinc, were detected at concentrations below their respective TOGS 1.1.1 guidance values. When filtered, three (3) metals, antimony, selenium, and sodium, were detected at concentrations above their respective TOGS 1.1.1 guidance values and five (5) metals, arsenic, barium, magnesium, manganese, and zinc, were detected at concentrations below their respective TOGS 1.1.1 guidance values. Four (4) metals, aluminum, calcium, iron, and potassium, were also detected however, regulatory limits have not been established for these analytes. When filtered, three (3) metals, aluminum, calcium, and potassium, were detected however, regulatory limits have not been established for these analytes.
- No pesticides or PCBs were detected in the sample.

### **Trip Blank**

- Two (2) VOC compounds, acetone and toluene, were detected at concentrations below their respective TOGS 1.1.1 guidance values. However, acetone is a common laboratory contaminant.

A summary of the groundwater sample analytical data is provided in **Table 2**. The laboratory analytical report is provided in **Appendix B**.

## **2.3 Soil Vapor Investigation**

The soil vapor investigation was performed on April 12, 2019. CDD utilized the Geoprobe® 54 DT direct push drilling machine to install five (5) soil vapor probes at the Site. All soil vapor points were advanced to reach a proposed target depth of 5 ft bgs due to groundwater encountered at approximately 8 ft bgs. Five (5) soil vapor samples (SV-01 through SV-05) were collected for chemical analysis using 6-Liter SUMMA canisters equipped with 2-hour regulators.

Methodologies used for soil vapor assessment conform to the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). Soil vapor sampling locations are presented in **Figure 2**.

## Soil Vapor Chemistry

All samples collected at the Site were analyzed via USEPA Method TO-15. The Summa Canisters, under proper chain of custody record, were submitted to York Analytical Laboratories, Inc. (NYS License No. 12058), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory.

The NYSDOH has issued indoor air standards for certain chlorinated volatile organic compounds (CVOCs), including tetrachloroethylene<sup>1</sup> (PCE), trichloroethylene<sup>2</sup> (TCE), and methylene chloride. In addition, the NYSDOH has issued three matrices<sup>3</sup> for decision-making and has assigned a total of eight CVOCs including carbon tetrachloride, 1,1-dichloroethene (11-DCE), cis-1,2-dichloroethene (c12-DCE), methylene chloride, 1,1,1-trichloroethane (111-TCA), PCE, TCE, and vinyl chloride, to these matrices. Below is a summary of the analytical laboratory results:

**Summary of Target Compounds detected in Soil Vapor**

Volatile Organic Compound	Air Guideline Value (ug/m <sup>3</sup> )	SV-01	SV-02	SV-03	SV-04	SV-05
Methylene chloride	60	ND	ND	2	ND	ND
Tetrachloroethylene (PCE)	30	110	820	81	890	3,500
Trichloroethylene (TCE)	2	7	ND	5	61	280

ug/m<sup>3</sup> - micrograms per cubic meter

ND - None Detected

- 1,1-Dichloroethylene (11-DCE), carbon tetrachloride, and vinyl chloride, were not detected in any of the soil vapor samples collected at the site
- 1,1,1-Trichloroethane (111-TCA) was detected in soil vapor samples SV-02, SV-03, SV-04, and SV-05. As per the NYSDOH decision Matrix B, no further action is recommended for soil vapor concentrations less than 100 micrograms per cubic meter (ug/m<sup>3</sup>) and greater and 100 ug/m<sup>3</sup> but less than 1000 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 0.2 ug/m<sup>3</sup>.
- cis-1,2-Dichloroethylene (c12-DCE) was detected in soil vapor sample SV-05, only. As per the NYSDOH decision Matrix A, no further action is recommended for carbon tetrachloride soil vapor concentrations greater than 6 ug/m<sup>3</sup> but less than 60 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 0.2 ug/m<sup>3</sup>.

<sup>1</sup> Soil Vapor Intrusions updates were made in September 2013, to the final guidance, *NYSDOH Guidance for Evaluation Soil Vapor Intrusion in New York State, October 2006*, providing a new guideline for tetrachloroethylene, lowering the recommended level in ambient air from 100 ug/m<sup>3</sup> to 30 ug/m<sup>3</sup>.

<sup>2</sup> Soil Vapor Intrusions updates were made in August 2015, to the final guidance, providing a new guideline for trichloroethylene, lowering the recommended level in ambient air from 5 ug/m<sup>3</sup> to 2 ug/m<sup>3</sup>.

<sup>3</sup> Soil Vapor Intrusions updates were made in May 2017, to the final guidance, for the assignment of eight volatile chemicals to three newly revised and renamed Soil Vapor/Indoor Air Decision Matrices.



- Methylene chloride was detected in soil vapor samples SV-03, only. Concentrations of methylene chloride detected in the soil vapor samples were less than the NYSDOH air guidance value of 60 ug/m<sup>3</sup>. As per the NYSDOH decision Matrix B, no further action is recommended for methylene chloride soil vapor concentrations less than 100 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 3 ug/m<sup>3</sup>.
- PCE was detected in all soil vapor samples collected from the site. PCE detected in the soil vapor samples were greater than the NYSDOH air guidance value of 30 ug/m<sup>3</sup>. As the concentration of PCE detected in soil vapor sample SV-05 was greater than 1000 ug/m<sup>3</sup>, per the NYSDOH decision Matrix B mitigation is recommended to minimize current or potential exposures for PCE soil vapor concentrations equal to and greater than 1000 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 3 ug/m<sup>3</sup>.
- TCE was detected in soil vapor sample SV-01, SV-03, SV-04, and SV-05. Concentrations of TCE detected in the soil vapor samples were greater than the NYSDOH air guidance value of 2 ug/m<sup>3</sup>. As concentrations of TCE detected in soil vapor samples SV-04 and SV-05 were greater than 60 ug/m<sup>3</sup>, per the NYSDOH matrix A mitigation is recommended to minimize current or potential exposures for TCE soil vapor concentrations equal to and greater than 60 ug/m<sup>3</sup> coupled with indoor air concentrations less than 0.2 ug/m<sup>3</sup>.
- 1,3,5-trimethylbenzene and styrene were detected in soil vapor sample SV-01, only.
- Chlorobenzene, chloromethane, dichlorodifluoromethane, and trichlorofluoromethane (freon 11) were detected in soil vapor sample SV-03, only.
- Chloroform and tetrahydrofuran were detected in soil vapor sample SV-05, only.
- 1,2,4-trimethylbenzene, ethyl benzene, o-xylene, p-&m-xylenes, and p-ethyl toluene were detected in soil vapor samples SV-01 and SV-03.
- Cyclohexane was detected in soil vapor samples SV-02 and SV-03.
- Propylene was detected in soil vapor samples SV-01 and SV-05.
- 2-Butanone was detected in soil vapor samples SV-01, SV-02, and SV-03.
- Carbon disulfide and toluene were detected in soil vapor samples SV-01, SV-02, SV-03, and SV-04.
- n-Heptane was detected in soil vapor samples SV-01, SV-02, SV-03, and SV-05.

- Acetone, benzene, isopropanol, and n-hexane, were detected in all soil vapor samples. However, acetone is a common laboratory contaminant.

A summary of the vapor analytical data is provided in **Table 3**. The laboratory analytical report is provided in **Appendix B**.

### 3.0 CONCLUSIONS AND RECOMMENDATIONS

The objective of the proposed ESI is to evaluate potential impacts associated with the identified AOCs and RECs. This was accomplished through a site visit, soil, groundwater, and soil vapor testing. Based on the laboratory analytical results and visual observations, the following conclusions and recommendations are presented:

#### 3.1 Conclusions

##### Soil Investigation

Soil analytical results at the Site were compared to the NYSDEC 6 NYCRR Subpart 375-6: Remedial Program Soil Cleanup Objectives for evaluation.

- VOCs in the soil samples were detected below their respective limits for NYSDEC Part 375 Unrestricted Use SCOs.
- SVOCs were detected above the allowable limits for NYSDEC Part 375 Restricted Residential Use SCOs in the surface sample (0-2 ft) of soil borings SB-01, SB-02, SB-03, and SB-04, and in the subsurface interval (4-6 ft) of soil borings SB-01 and SB-02, and in the (10-12 ft) interval of soil boring SB-03.
- Five (5) metals, arsenic, barium, copper, lead, and mercury, were detected in the onsite soil at concentrations above the allowable limits for NYSDEC Part 375 Restricted Residential Use SCOs within the surface interval (0-2) of soil borings SB-01, SB-02, SB-03, and SB-04. Five (5) metals, arsenic, barium, copper, lead, and mercury, were detected in the onsite soil at concentrations above the allowable limits for NYSDEC Part 375 Restricted Residential Use SCOs within the subsurface interval (4-6) of soil boring SB-01.
- One (1) pesticide, 4-4'-DDT, was detected in the onsite soil at concentrations above the allowable limits for NYSDEC Part 375 Unrestricted Use SCOs but below the allowable limits for NYSDEC Part 375 Residential Use SCOs within the surface interval (0-2 ft) of soil borings SB-01, SB-02, and SB-03.
- PCBs were not detected in the onsite soil.

No olfactory or visual evidence, or elevated PID readings, were observed in the soils recovered from the soil borings.

##### Groundwater Investigation

Groundwater samples collected during this investigation were compared to the NYSDEC TOGS 1.1.1 AWQS.

- VOCs in the groundwater samples were detected below their respective TOGS 1.1.1 guidance values.

- Six (6) SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, were detected at concentrations above their respective TOGS 1.1.1 guidance values in groundwater sample GW-01.
- Five (5) metals, antimony, selenium, lead, manganese, and sodium, were detected at concentrations above the TOGS 1.1.1 guidance values in the groundwater samples collected from the Site. One (1) metal, sodium, both as a total and dissolved parameter, was detected at a concentration above the TOGS 1.1.1 guidance values in all groundwater samples collected from the Site. One (1) metal, manganese, both as a total and dissolved parameter, was detected at a concentration above the TOGS 1.1.1 guidance values in groundwater sample GW-01. One (1) metal, manganese, both as a total and dissolved parameter, was detected at a concentration above the TOGS 1.1.1 guidance values in groundwater sample GW-02. Two (2) metals, antimony and selenium, both as total and dissolved parameters, were detected at concentrations above the TOGS 1.1.1 guidance values in groundwater sample GW-03.

### Soil Vapor Investigation

- 11-DCE, carbon tetrachloride, and vinyl chloride, were not detected in any of the soil vapor samples collected at the site.
- 111-TCA was detected in soil vapor samples SV-02, SV-03, SV-04, and SV-05. As per the NYSDOH decision Matrix B, no further action is recommended for soil vapor concentrations less than 100 ug/m<sup>3</sup> and greater and 100 ug/m<sup>3</sup> but less than 1000 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 0.2 ug/m<sup>3</sup>.
- c12-DCE was detected in soil vapor sample SV-05, only. As per the NYSDOH decision Matrix A, no further action is recommended for carbon tetrachloride soil vapor concentrations greater than 6 ug/m<sup>3</sup> but less than 60 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 0.2 ug/m<sup>3</sup>.
- Methylene chloride was detected in soil vapor samples SV-03, only. Concentrations of methylene chloride detected in the soil vapor samples were less than the NYSDOH air guidance value of 60 ug/m<sup>3</sup>. As per the NYSDOH decision Matrix B, no further action is recommended for methylene chloride soil vapor concentrations less than 100 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 3 ug/m<sup>3</sup>.
- PCE was detected in all soil vapor samples collected from the site. PCE detected in the soil vapor samples were greater than the NYSDOH air guidance value of 30 ug/m<sup>3</sup>. As the concentration of PCE detected in soil vapor sample SV-05 was greater than 1000 ug/m<sup>3</sup>, per the NYSDOH decision Matrix B mitigation is recommended to minimize current or potential exposures for PCE soil vapor concentrations equal to and greater than 1000 ug/m<sup>3</sup>, coupled with indoor air concentrations less than 3 ug/m<sup>3</sup>.

- TCE was detected in soil vapor sample SV-01, SV-03, SV-04, and SV-05. Concentrations of TCE detected in the soil vapor samples were greater than the NYSDOH air guidance value of 2 ug/m<sup>3</sup>. As concentrations of TCE detected in soil vapor samples SV-04 and SV-05 were greater than 60 ug/m<sup>3</sup>, per the NYSDOH matrix A mitigation is recommended to minimize current or potential exposures for TCE soil vapor concentrations equal to and greater than 60 ug/m<sup>3</sup> coupled with indoor air concentrations less than 0.2 ug/m<sup>3</sup>.
- 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, acetone, benzene, carbon disulfide, chlorobenzene, chloroform, chloromethane, cyclohexane, dichlorodifluoromethane, ethyl benzene, isopropanol, n-heptane, n-hexane, o-xylene, p-&m-xylenes, p-ethyltoluene, propylene, styrene, tetrahydrofuran, toluene, and freon 11, were also detected in the soil vapor samples collected from the Site.

### 3.2 Recommendations

The analytical results of the soil, groundwater, and soil vapor sampling performed revealed environmental impacts in the onsite subsurface soil, groundwater, and soil vapor. The presence of VOCs, SVOCs, pesticides, PCBs, and metals, detected in soil and groundwater throughout the Site, are likely impacted by historic urban fill, and historical uses of the Site and its surrounding properties.

Contaminated soil within the footprint of the proposed building will be excavated during the redevelopment stages of this project. Contaminated soil encountered at hot spot locations of soil borings SB-01 and SB-02, should be excavated to a minimum depth of 6 feet below grade prior to redevelopment activities. A Soil Management Plan should be developed to address the removal and disposal of contaminated soil during construction of the proposed building.

It is ALC's opinion that groundwater encountered during site investigation activities will not pose as a threat to the water of the State of New York or to the future residents, as groundwater is not planned to be used as a source of drinking water. Excavation is anticipated to extend into the water table as groundwater was encountered at 8ft during site investigation activities. Prior to any de-watering activities, an NYC Department of Environmental Protection Sewer Discharge Permit must be obtained prior to discharging to NYC sewer system.

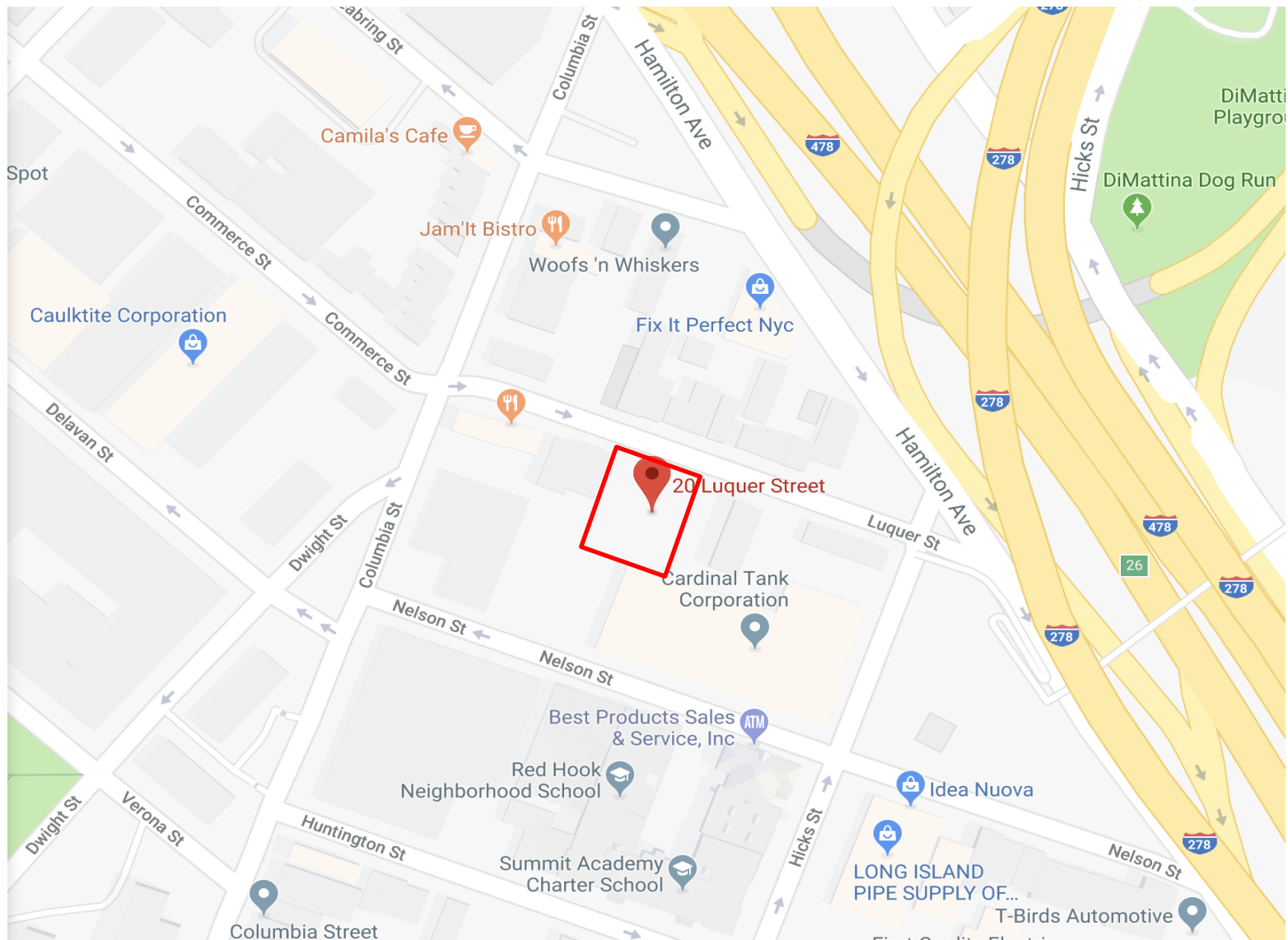
Based on the NYSDOH guidelines and analytical results, mitigation measures to minimize current or potential exposures associated with soil vapor intrusion are recommended for elevated concentrations of PCE and TCE present in the soil vapor as per the NYSDOH decision Matrices A and B. Common mitigation measures include installation of a sub-slab depressurization system (SSDS) and a vapor barrier membrane.



However, due to proposed excavation depth extending into the groundwater table, installation of an SSDS would not be feasible as the system would be affected by groundwater infiltration. Therefore, ALC recommends installing a vapor barrier system below the new building's basement slab and continuing the vapor barrier outside of subgrade foundation walls. As the proposed development consists of a sub-grade parking level that will be ventilated with a high volume air exchange that conforms to the NYC Department of Buildings Code, the vapor barrier system combined with the sub-grade parking level will provide protective systems to address soil vapor intrusion. This measure maintains positive pressure throughout the proposed building and hence prevents potential exposures from soil vapor in the future. This should be considered a proactive measure to reduce any potential exposure that could possibly be attributed to vapor intrusion.

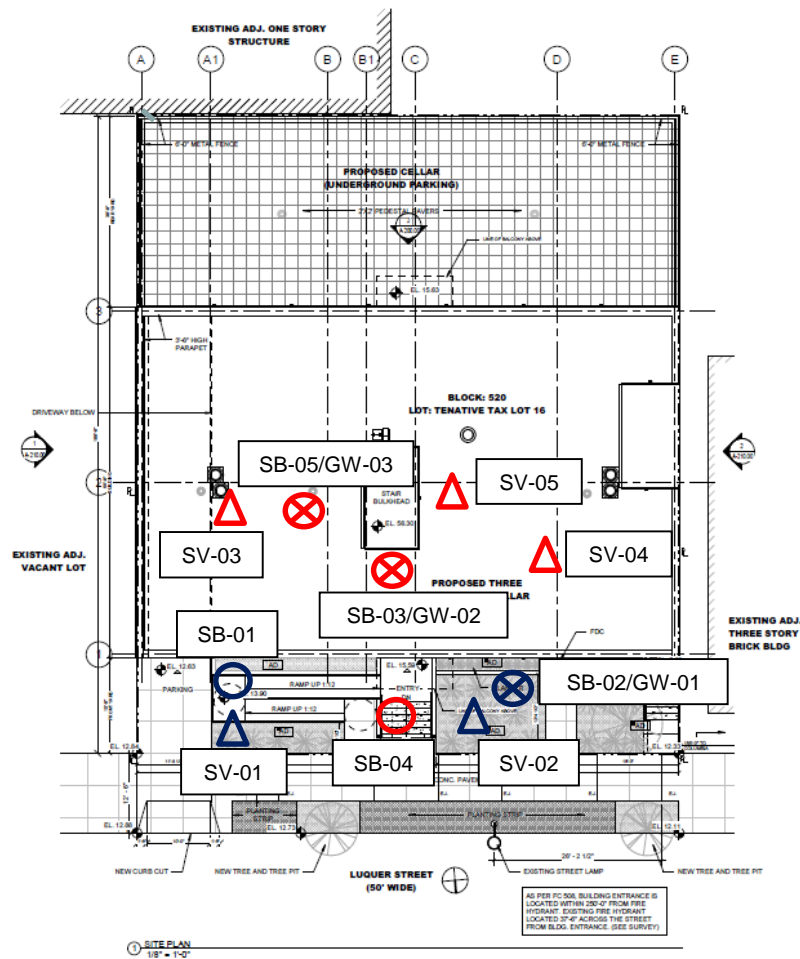
ALC has no additional recommendations for further study at the Site at this time.





20 Luquer Street, Brooklyn, NY 11231  
Google Maps

**Figure 1**  
**Site Location Map**



- Soil Boring
- ⊗ Soil Boring/Temporary Groundwater Well
- △ Soil Vapor Point
- Soil Boring – Unexcavated Area
- ⊗ Soil Boring/Temporary Groundwater Well – Unexcavated Area
- △ Soil Vapor Point – Unexcavated Area

## TABLES

### Summary of Analytical Data

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Table 1  
Summary of Soil Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC Part 375	NYSDEC Part 375	NYSDEC Part 375	SB-01 (0-2)	SB-01 (4-6)	SB-02 (0-2)	SB-02 (4-6)	SB-03 (0-2)	SB-03 (10-12)	SB-04 (0-2)	SB-04 (10-12)	SB-05 (0-2)	SB-05 (10-12)
Sampling Date	Unrestricted Use Soil	Restricted Use Soil	Restricted Use Soil	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019
Client Matrix	Cleanup Objectives	Cleanup Objectives-Residential	Cleanup Objectives - Restricted Residential	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound				Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
<b>Volatile Organics, 8260 - Comprehensive</b>	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Methylcyclohexane	~	~	~	ND	ND	ND	ND	ND	ND	0.00910	ND	ND	ND
Methylene chloride	0.05	51	100	ND	0.00700	ND	ND	ND	ND	ND	0.0160	ND	ND
n-Butylbenzene	12	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	~	~	~	ND	ND	ND	ND	ND	ND	ND	0.0260	ND	ND
sec-Butylbenzene	11	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1.3	5.5	19	ND	ND	ND	0.0190	0.00710	ND	0.00600	0.00990	0.00490	ND
Toluene	0.7	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	0.19	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.47	10	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	0.21	0.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**NOTES:**  
NYSDEC - New York State Department of Conservation  
mg/Kg - milligrams per kilogram  
~ - this indicates that no regulatory limit has been established for this analyte  
ND - analyte not detected  
Any Regulatory Exceedences are color coded by Regulation

Table 1  
Summary of Soil Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

[illegible]

Table 1  
Summary of Soil Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC Part 375	NYSDEC Part 375	NYSDEC Part 375	SB-01 (0-2)	SB-01 (4-6)	SB-02 (0-2)	SB-02 (4-6)	SB-03 (0-2)	SB-03 (10-12)	SB-04 (0-2)	SB-04 (10-12)	SB-05 (0-2)	SB-05 (10-12)
Sampling Date	Unrestricted Use	Restricted Use Soil	Restricted Use Soil	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019
Client Matrix	Soil Cleanup	Cleanup Objectives-	Cleanup Objectives -	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound	Objectives	Residential	Restricted Residential	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatiles, 8270 - Comprehensive	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Bis(2-ethylhexyl)phthalate	~	~	~	0.193	0.125	0.233	ND	0.104	ND	ND	ND	ND	ND
Caprolactam	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	~	~	~	0.527	0.675	0.972	2.680	0.346	4.080	ND	ND	ND	0.0952
Chrysene	1	1	3.9	3.860	2.730	5.200	12.300	2.990	13.400	28.800	0.0672	0.443	0.513
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.696	0.511	0.995	2.380	0.665	2.430	6.270	ND	ND	0.107
Dibenzofuran	7	14	59	0.324	0.545	0.522	2.390	0.165	3.600	ND	ND	ND	0.0720
Diethyl phthalate	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	~	~	~	0.154	ND	0.132	ND	0.0996	ND	ND	ND	ND	ND
Di-n-octyl phthalate	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	100	7.830	6.620	10.500	28.100	4.810	34.100	4.500	0.0938	0.777	1.150
Fluorene	30	100	100	0.435	0.725	0.739	2.770	0.314	5.760	ND	ND	ND	0.0976
Hexachlorobenzene	0.33	0.33	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	2.280	1.780	2.990	6.480	1.850	6.400	3.220	ND	0.283	0.281
Isophorone	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	100	0.345	0.622	0.371	4.330	0.160	3.690	ND	ND	ND	ND
Nitrobenzene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	2.4	6.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	100	6.350	7.050	9.650	30.300	3.520	37.500	4.860	0.0687	0.385	1.030
Phenol	0.33	100	100	ND	ND	ND	0.113	ND	0.0874	ND	ND	ND	ND
Pyrene	100	100	100	7.020	6.280	10	25.100	4.560	28.800	8.650	0.0931	0.802	1.120

NOTES:

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ND - analyte not detected

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Table 1  
Summary of Soil Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC Part 375	NYSDEC Part 375	NYSDEC Part 375	SB-01 (0-2)	SB-01 (4-6)	SB-02 (0-2)	SB-02 (4-6)	SB-03 (0-2)	SB-03 (10-12)	SB-04 (0-2)	SB-04 (10-12)	SB-05 (0-2)	SB-05 (10-12)
Sampling Date	Unrestricted Use	Restricted Use Soil	Restricted Use Soil	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019
Client Matrix	Soil Cleanup	Cleanup Objectives-	Cleanup Objectives -	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound	Objectives	Residential	Restricted Residential	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
<b>Metals, Target Analyte</b>	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aluminum	~	~	~	6,190	6,010	6,520	5,240	6,610	5,340	4,100	1,440	7,000	5,410
Antimony	~	~	~	6.160	5.130	ND	ND	8.920	ND	ND	ND	ND	ND
Arsenic	13	16	16	12.700	17.800	15.700	12.200	20.300	12.100	28.900	8.730	9.020	6.920
Barium	350	350	400	517	761	712	396	487	87.300	1,860	95.800	101	98.900
Beryllium	7.2	14	72	0.119	0.0830	0.190	0.136	0.0880	ND	ND	0.113	ND	0.0650
Cadmium	2.5	2.5	4.3	3.510	3.520	1.950	0.671	3.710	ND	1.380	0.690	1.040	ND
Calcium	~	~	~	23,600	18,300	28,500	12,800	40,000	2,150	12,000	3,790	48,700	56,300
Chromium	~	~	~	35.100	26.200	27.900	17.500	52.100	22.900	29.100	5.470	32.400	11
Cobalt	~	~	~	9.620	9.940	9.040	8.080	10.800	19.500	9.170	5.320	7.110	4.330
Copper	50	270	270	1,350	355	194	89	491	27.300	147	40.500	65.300	24.300
Iron	~	~	~	47,300	41,700	37,100	17,200	50,700	76,200	30,900	4,780	14,000	8,050
Lead	63	400	400	910	1,060	1,530	537	1,510	295	1,560	133	211	137
Magnesium	~	~	~	2,220	2,960	2,860	1,790	6,870	670	1,530	211	6,330	4,710
Manganese	1600	2000	2000	527	337	392	226	460	337	307	85.500	228	223
Nickel	30	140	310	147	52.800	33.100	21.300	52.600	40.400	28.600	14	34.200	20.400
Potassium	~	~	~	796	1,480	837	796	865	547	886	167	783	756
Selenium	3.9	36	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	36	180	3.820	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	~	~	~	227	189	273	150	348	117	148	85.200	118	229
Thallium	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	~	~	~	28.600	34.200	28.700	22.600	35.400	29.600	28.400	7.600	19.700	13.100
Zinc	109	2200	10000	967	721	656	556	1,420	233	914	260	117	209
<b>Mercury by 7473</b>	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Mercury	0.18	0.81	0.81	2.270	2.620	3.400	1.640	4.980	0.625	2.070	0.562	3.940	1.360

**NOTES:**  
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Table 1  
Summary of Soil Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC Part 375	NYSDEC Part 375	NYSDEC Part 375	SB-01 (0-2)	SB-01 (4-6)	SB-02 (0-2)	SB-02 (4-6)	SB-03 (0-2)	SB-03 (10-12)	SB-04 (0-2)	SB-04 (10-12)	SB-05 (0-2)	SB-05 (10-12)
Sampling Date	Unrestricted Use	Restricted Use Soil	Restricted Use Soil	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019
Client Matrix	Soil Cleanup	Cleanup Objectives-	Cleanup Objectives -	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound	Objectives	Residential	Restricted Residential	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
<b>Pesticides, 8081 target list</b>	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
4,4'-DDD	0.0033	2.6	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	1.8	8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	1.7	7.9	0.0715	ND	0.0181	ND	0.00842	ND	ND	ND	ND	ND
Aldrin	0.005	0.019	0.097	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	0.097	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	0.094	0.91	4.2	0.0343	0.0334	0.00345	ND	0.0152	ND	ND	ND	0.0184	ND
beta-BHC	0.036	0.072	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane, total	~	~	~	ND	0.204	ND	ND	0.0751	ND	ND	ND	0.108	ND
delta-BHC	0.04	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.005	0.039	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	2.4	4.8	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2.4	4.8	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	2.4	4.8	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.014	2.2	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	~	~	~	ND	ND	ND	ND	0.0297	ND	ND	ND	ND	ND
Endrin ketone	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	0.28	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-Chlordane	~	~	~	ND	0.0246	0.00285	ND	0.00967	ND	ND	ND	0.0162	ND
Heptachlor	0.042	0.42	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Polychlorinated Biphenyls (PCB)</b>	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor 1016	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	~	~	~	ND	ND	0.0632	ND	0.0356	ND	ND	ND	ND	ND
Total PCBs	0.1	1	1	ND	ND	0.0632	ND	0.0356	ND	ND	ND	ND	ND

**NOTES:**

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Table 2  
Summary of Groundwater Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC	GW-01	GW-02	GW-03	Trip Blank
Sampling Date	TOGS 1.1.1	4/12/2019	4/12/2019	4/12/2019	4/12/2019
Client Matrix	AWQS - GA	Water	Water	Water	Water
Compound		Result	Result	Result	Result
Volatile Organics, 8260 - Comprehensive	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	0.520	0.330	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
1,1-Dichloroethane	5	0.590	1.900	0.350	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND
1,2-Dibromoethane	0.0006	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	0.760	0.400	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dioxane	~	ND	ND	ND	ND
2-Butanone	50	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND
4-Methyl-2-pentanone	~	ND	ND	ND	ND
Acetone	50	ND	2.800	ND	4.900
Acrolein	~	ND	ND	ND	ND
Acrylonitrile	~	ND	ND	ND	ND
Benzene	1	0.400	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND
Carbon disulfide	~	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND
Chloroform	7	ND	0.210	0.360	ND
Chloromethane	5	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	1.600	0.570	0.630	ND
cis-1,3-Dichloropropylene	0.4	ND	ND	ND	ND
Cyclohexane	~	ND	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND
Dibromomethane	~	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND
Methyl acetate	~	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND	ND
Methylcyclohexane	~	ND	ND	ND	ND
Methylene chloride	5	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND
p- & m- Xylenes	5	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	0.270	ND
sec-Butylbenzene	5	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND
Tetrachloroethylene	5	2.800	1.800	2.800	ND
Toluene	5	ND	ND	ND	0.210
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND
trans-1,3-Dichloropropylene	0.4	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	~	ND	ND	ND	ND
Trichloroethylene	5	0.800	0.510	0.810	ND
Trichlorofluoromethane	5	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND

NOTES:  
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AWQS - Ambient Water Quality Standards and Guidance Values  
Highlighted denotes concentration above NYSDEC TOGS AWQS

Table 2  
Summary of Groundwater Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC	GW-01	GW-02	GW-03
Sampling Date	TOGS 1.1.1	4/12/2019	4/12/2019	4/12/2019
Client Matrix	AWQS - GA	Water	Water	Water
Compound		Result	Result	Result
Semi-Volatiles, 8270 - Comprehensive	ug/L	ug/L	ug/L	ug/L
1,1-Biphenyl	~	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	~	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND
1,2-Diphenylhydrazine (as Azobenzene)	~	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND
2,3,4,6-Tetrachlorophenol	~	ND	ND	ND
2,4,5-Trichlorophenol	1	ND	ND	ND
2,4,6-Trichlorophenol	1	ND	ND	ND
2,4-Dichlorophenol	5	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND
2,4-Dinitrophenol	10	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND
2-Chlorophenol	1	ND	ND	ND
2-Methylnaphthalene	~	ND	ND	ND
2-Methylphenol	1	ND	ND	ND
2-Nitroaniline	5	ND	ND	ND
2-Nitrophenol	1	ND	ND	ND
3- & 4-Methylphenols	~	ND	ND	ND
3,3-Dichlorobenzidine	5	ND	ND	ND
3-Nitroaniline	5	ND	ND	ND
4,6-Dinitro-2-methylphenol	~	ND	ND	ND
4-Bromophenyl phenyl ether	~	ND	ND	ND
4-Chloro-3-methylphenol	1	ND	ND	ND
4-Chloroaniline	5	ND	ND	ND
4-Chlorophenyl phenyl ether	~	ND	ND	ND
4-Nitroaniline	5	ND	ND	ND
4-Nitrophenol	1	ND	ND	ND
Acenaphthene	20	ND	ND	ND
Acenaphthylene	~	ND	ND	ND
Acetophenone	~	ND	ND	ND
Aniline	5	ND	ND	ND
Anthracene	50	0.0526	ND	ND
Atrazine	~	ND	ND	ND
Benzaldehyde	~	ND	ND	ND
Benzidine	~	ND	ND	ND
Benzo(a)anthracene	0.002	0.137	ND	ND
Benzo(a)pyrene	0.002	0.137	ND	ND
Benzo(b)fluoranthene	0.002	0.116	ND	ND
Benzo(g,h,i)perylene	~	0.0947	ND	ND
Benzo(k)fluoranthene	0.002	0.126	ND	ND
Benzoic acid	~	ND	ND	ND
Benzyl alcohol	~	ND	ND	ND
Benzyl butyl phthalate	50	ND	ND	ND
Bis(2-chloroethoxy)methane	5	ND	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND	ND
Bis(2-chloroisopropyl)ether	5	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND	ND
Caprolactam	~	ND	ND	ND
Carbazole	~	ND	ND	ND
Chrysene	0.002	0.147	ND	ND
Dibenzo(a,h)anthracene	~	0.0526	ND	ND
Dibenzofuran	~	ND	ND	ND
Diethyl phthalate	50	ND	ND	ND

Table 2  
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Sample ID Sampling Date Client Matrix	NYSDEC TOGS 1.1.1 AWQS - GA	GW-01 4/12/2019 Water	GW-02 4/12/2019 Water	GW-03 4/12/2019 Water
Compound		Result	Result	Result
Semi-Volatiles, 8270 - Comprehensive	ug/L	ug/L	ug/L	ug/L
Dimethyl phthalate	50	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND
Di-n-octyl phthalate	50	ND	ND	ND
Fluoranthene	50	0.274	0.0526	0.0718
Fluorene	50	ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND
Hexachloroethane	5	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	0.105	ND	ND
Isophorone	50	ND	ND	ND
Naphthalene	10	ND	ND	ND
Nitrobenzene	0.4	ND	ND	ND
N-Nitrosodimethylamine	~	ND	ND	ND
N-nitroso-di-n-propylamine	~	ND	ND	ND
N-Nitrosodiphenylamine	50	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND
Phenanthrene	50	0.179	ND	ND
Phenol	1	ND	ND	ND
Pyrene	50	0.200	ND	0.0513

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Sample ID	NYSDEC	GW-01	GW-02	GW-03
Sampling Date	TOGS 1.1.1	4/12/2019	4/12/2019	4/12/2019
Client Matrix	AWQS - GA	Water	Water	Water
Compound		Result	Result	Result
<b>Metals, Target Analyte, ICP</b>	ug/L	ug/L	ug/L	ug/L
Aluminum	~	2,170	259	3,220
Barium	1000	220	115	199
Calcium	~	164,000	173,000	194,000
Chromium	50	ND	ND	7.860
Cobalt	~	ND	ND	ND
Copper	200	46.900	ND	32.700
Iron	~	5,530	450	3,930
Lead	25	<b>151</b>	9.860	<b>160</b>
Magnesium	35000	18,300	24,900	17,600
Manganese	300	<b>382</b>	<b>302</b>	162
Nickel	100	ND	ND	ND
Potassium	~	8,370	10,400	9,710
Silver	50	ND	ND	ND
Sodium	20000	<b>43,800</b>	<b>45,400</b>	<b>25,700</b>
Vanadium	~	ND	ND	ND
Zinc	2000	165	151	447
<b>Metals, Target Analyte, ICP Dissolved</b>	ug/L	ug/L	ug/L	ug/L
Aluminum	~	ND	ND	73.400
Barium	1000	111	104	99.400
Calcium	~	167,000	179,000	173,000
Chromium	50	ND	ND	ND
Cobalt	~	ND	4.870	ND
Copper	200	ND	ND	ND
Iron	~	ND	ND	ND
Lead	25	ND	ND	ND
Magnesium	35000	18,500	24,500	16,200
Manganese	300	<b>342</b>	<b>373</b>	29.400
Nickel	100	ND	ND	ND
Potassium	~	8,470	10,200	9,450
Silver	50	ND	ND	ND
Sodium	20000	<b>39,200</b>	<b>38,700</b>	<b>22,900</b>
Vanadium	~	ND	ND	ND
Zinc	2000	54.300	89.100	326
<b>Metals, Target Analyte, ICPMS</b>	ug/L	ug/L	ug/L	ug/L
Antimony	3	1.530	2.100	<b>7.540</b>
Arsenic	25	20.100	6.510	10.100
Beryllium	3	ND	ND	ND
Cadmium	5	ND	ND	ND
Selenium	10	8.310	5.380	<b>14.800</b>
Thallium	~	ND	ND	ND
<b>Metals, Target Analyte, ICPMS Dissolved</b>	ug/L	ug/L	ug/L	ug/L
Antimony	3	ND	2.550	<b>8.030</b>
Arsenic	25	1.870	3.030	4.810
Beryllium	3	ND	ND	ND
Cadmium	5	ND	ND	ND
Selenium	10	ND	5.600	<b>13.600</b>
Thallium	~	ND	ND	ND
<b>Mercury by 7473</b>	ug/L	ug/L	ug/L	ug/L
Mercury	0.7	ND	ND	ND
<b>Mercury by 7473, Dissolved</b>	ug/L	ug/L	ug/L	ug/L
Mercury	0.7	ND	ND	ND

**NOTES:**

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TOGS - Technical Operational Guidance Series

AWQS - Ambient Water Quality Standards and Guidance Values

**Highlighted** denotes concentration above NYSDEC TOGS AWQS

Table 2  
Summary of Groundwater Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDEC	GW-01	GW-02	GW-03
Sampling Date	TOGS 1.1.1	4/12/2019	4/12/2019	4/12/2019
Client Matrix	AWQS - GA	Water	Water	Water
Compound		Result	Result	Result
<b>Pesticides, 8081 target list</b>	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	0.3	ND	ND	ND
4,4'-DDE	0.2	ND	ND	ND
4,4'-DDT	0.2	ND	ND	ND
Aldrin	~	ND	ND	ND
alpha-BHC	0.01	ND	ND	ND
alpha-Chlordane	~	ND	ND	ND
beta-BHC	0.04	ND	ND	ND
Chlordane, total	0.05	ND	ND	ND
delta-BHC	0.04	ND	ND	ND
Dieldrin	0.004	ND	ND	ND
Endosulfan I	~	ND	ND	ND
Endosulfan II	~	ND	ND	ND
Endosulfan sulfate	~	ND	ND	ND
Endrin	~	ND	ND	ND
Endrin aldehyde	5	ND	ND	ND
Endrin ketone	5	ND	ND	ND
gamma-BHC (Lindane)	0.05	ND	ND	ND
gamma-Chlordane	~	ND	ND	ND
Heptachlor	0.04	ND	ND	ND
Heptachlor epoxide	0.03	ND	ND	ND
Methoxychlor	35	ND	ND	ND
Toxaphene	0.06	ND	ND	ND
<b>Polychlorinated Biphenyls (PCB)</b>	ug/L	ug/L	ug/L	ug/L
Aroclor 1016	~	ND	ND	ND
Aroclor 1221	~	ND	ND	ND
Aroclor 1232	~	ND	ND	ND
Aroclor 1242	~	ND	ND	ND
Aroclor 1248	~	ND	ND	ND
Aroclor 1254	~	ND	ND	ND
Aroclor 1260	~	ND	ND	ND
Total PCBs	0.09	ND	ND	ND

**NOTES:**

NYSDEC - New York State Department of Environmental Conservation

ug/L - micrograms per liter

~ - no regulatory standard is assigned for this analyte

ND - this analyte was not detected

TOGS - Technical Operational Guidance Series

AWQS - Ambient Water Quality Standards and Guidance Values



Table 3  
Summary of Soil Vapor Analytical Data  
20 Luquer Street  
Brooklyn, NY 11231

Sample ID	NYSDOH Soil Vapor Intrusion Guidance Values - Indoor Air	SV-01	SV-02	SV-03	SV-04	SV-05
Sampling Date		4/12/2019	4/12/2019	4/12/2019	4/12/2019	4/12/2019
Client Matrix		Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor
Compound		Result	Result	Result	Result	Result
Volatile Organics, EPA TO15 Full List	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
1,1,1,2-Tetrachloroethane	~	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	~	ND	16	7	17	140
1,1,2,2-Tetrachloroethane	~	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	~	ND	ND	ND	ND	ND
1,1-Dichloroethane	~	ND	ND	ND	ND	ND
1,1-Dichloroethylene	~	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	~	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	~	81	ND	2	ND	ND
1,2-Dibromoethane	~	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	~	ND	ND	ND	ND	ND
1,2-Dichloroethane	~	ND	ND	ND	ND	ND
1,2-Dichloropropane	~	ND	ND	ND	ND	ND
1,2-Dichlorotetrafluoroethane	~	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	~	32	ND	ND	ND	ND
1,3-Butadiene	~	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	~	ND	ND	ND	ND	ND
1,3-Dichloropropane	~	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	~	ND	ND	ND	ND	ND
1,4-Dioxane	~	ND	ND	ND	ND	ND
2-Butanone	~	7	5	2	ND	ND
2-Hexanone	~	ND	ND	ND	ND	ND
3-Chloropropene	~	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	~	ND	ND	ND	ND	ND
Acetone	~	27	15	9	8	7
Acrylonitrile	~	ND	ND	ND	ND	ND
Benzene	~	10	120	3	7	6
Benzyl chloride	~	ND	ND	ND	ND	ND
Bromodichloromethane	~	ND	ND	ND	ND	ND
Bromoform	~	ND	ND	ND	ND	ND
Bromomethane	~	ND	ND	ND	ND	ND
Carbon disulfide	~	14	7	4	7	ND
Carbon tetrachloride	~	ND	ND	ND	ND	ND
Chlorobenzene	~	ND	ND	2	ND	ND
Chloroethane	~	ND	ND	ND	ND	ND
Chloroform	~	ND	ND	ND	ND	14
Chloromethane	~	ND	ND	1	ND	ND
cis-1,2-Dichloroethylene	~	ND	ND	ND	ND	34
cis-1,3-Dichloropropylene	~	ND	ND	ND	ND	ND
Cyclohexane	~	ND	5	6	ND	ND
Dibromochloromethane	~	ND	ND	ND	ND	ND
Dichlorodifluoromethane	~	ND	ND	2	ND	ND
Ethyl acetate	~	ND	ND	ND	ND	ND
Ethyl Benzene	~	23	ND	3	ND	ND
Hexachlorobutadiene	~	ND	ND	ND	ND	ND
Isopropanol	~	15	12	12	39	52
Methyl Methacrylate	~	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	~	ND	ND	ND	ND	ND
Methylene chloride	60	ND	ND	2	ND	ND
n-Heptane	~	39	57	14	ND	8
n-Hexane	~	51	230	11	7	14
o-Xylene	~	19	ND	2	ND	ND
p- & m- Xylenes	~	42	ND	6	ND	ND
p-Ethyltoluene	~	59	ND	2	ND	ND
Propylene	~	13	ND	ND	ND	13
Styrene	~	11	ND	ND	ND	ND
Tetrachloroethylene	30	110	820	81	890	3,500
Tetrahydrofuran	~	ND	ND	ND	ND	8
Toluene	~	60	42	9	7	ND
trans-1,2-Dichloroethylene	~	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	~	ND	ND	ND	ND	ND
Trichloroethylene	2	7	ND	5	61	280
Trichlorofluoromethane (Freon 11)	~	ND	ND	2	ND	ND
Vinyl acetate	~	ND	ND	ND	ND	ND
Vinyl bromide	~	ND	ND	ND	ND	ND
Vinyl Chloride	~	ND	ND	ND	ND	ND

**NOTES:**  
NYSDOH - New York State Department of Health  
ug/m3 - micrograms per cubic meter  
~ - this indicates that no regulatory limit has been established for this analyte  
ND - analyte not detected





## BORING LOG

**Project Name:** 20 Luquer Street  
**Project Address:** 20 Luquer Street,  
Brooklyn, NY 11231  
**Client:** AAD Construction Corp.

**Exploration No:** SB-01  
**Start Date:** 04/12/2019  
**Completion Date:** 04/12/2019  
**Final Bore Depth (ft):** 12  
**Groundwater Depth (ft):** NA

**Drilling Method:** Direct Push  
**Type of Rig:** Geoprobe  
**Rig Model:** 54DT

**Logged by:** Nikita K Subramanian  
**Drilling Co:** CDD  
**Driller:** Joe Bellucci

**Sampler Type:** Macrocore  
**Sampler OD (in):** 2  
**Sampler Length (in):** 48

Depth (ft)	Sample No.	Sample Depth (ft)	Pen/Rec (in/in)	PID (ppm)	Soil Description	Remarks
0	1	0-6	72/40	0	0-1" Topsoil	I
				0		
				0		
1				0		
				0		
				0		
				0		
				0		
2				0		
				0		
				0		
				0		
				0		
				0		
3				0		
				0		
				0		
				0		
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4				0		
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**EOB @ 6 FT BGS**

**Notes:**

- I. Soil Sample SB-01 (0-2) collected from 0-2ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals  
II. Soil Sample SB-01 (4-6) collected from 4-6ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals

EOB - End of Boring FT BGS - Feet Below Ground Surface NA - Not Applicable

**Exploration No.**  
**SB-01**



## BORING LOG

**Project Name:** 20 Luquer Street  
**Project Address:** 20 Luquer Street,  
Brooklyn, NY 11231  
**Client:** AAD Construction Corp.

**Exploration No.:** SB-02  
**Start Date:** 04/12/2019  
**Completion Date:** 04/12/2019  
**Final Bore Depth (ft):** 12  
**Groundwater Depth (ft):** 8.75

**Drilling Method:** Direct Push  
**Type of Rig:** Geoprobe  
**Rig Model:** 54DT

**Logged by:** Nikita K Subramanian  
**Drilling Co:** CDD  
**Driller:** Joe Bellucci

**Sampler Type:** Macrocore  
**Sampler OD (in):** 2  
**Sampler Length (in):** 48

Depth (ft)	Sample No.	Sample Depth (ft)	Pen/Rec (in/in)	PID (ppm)	Soil Description	Remarks
0	1	0-6	72/12	0	0-6': Brown, m-f SAND, little Silt, Concrete and f Gravel	I
				0		
				0		
1				0		
				0		
				0		
				0		
2				0		
				0		
				0		
3				0		
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4				0		II
				0		
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5				0		
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				0		
				0		
6				0		

**EOB @ 6 FT BGS ( Advanced further to 12 FT BGS for Groundwater)**


**Notes:**

- I. Soil Sample SB-02 (0-2) collected from 0-2ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals  
II. Soil Sample SB-02 (4-6) collected from 4-6ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals


EOB - End of Boring FT BGS - Feet Below Ground Surface

**Exploration No.**  
**SB-02**

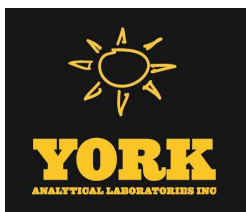
FT BGS - Feet Below Ground Surface

				<b>BORING LOG</b>		
<b>Project Name:</b> 20 Luquer Street <b>Project Address:</b> 20 Luquer Street, Brooklyn, NY 11231 <b>Client:</b> AAD Construction Corp.				<b>Exploration No.:</b> SB-04		<b>Drilling Method:</b> Direct Push <b>Type of Rig:</b> Geoprobe <b>Rig Model:</b> 54DT
				<b>Start Date:</b> 04/12/2019		
				<b>Completion Date:</b> 04/12/2019		
				<b>Final Bore Depth (ft):</b> 12		
<b>Logged by:</b> Nikita K Subramanian <b>Drilling Co:</b> CDD <b>Driller:</b> Joe Bellucci				<b>Groundwater Depth (ft):</b> NA		
				<b>Sampler Type:</b> Macrocore		
				<b>Sampler OD (in):</b> 2		
				<b>Sampler Length (in):</b> 48		
Depth (ft)	Sample No.	Sample Depth (ft)	Pen/Rec (in/in)	PID (ppm)	Soil Description	Remarks
0	1	0-4	48/14	0	0-1" Topsoil	I
				0	0-4': BRICK and m-c SAND, little Concrete, trace Silt	
				0		
1				0		
				0		
				0		
				0		
				0		
2				0		
				0		
				0		
				0		
3				0		
				0		
				0		
4				0		
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5	2	4-8	48/10	0	4'-8': Black-Brown, m-f GRAVEL and m-c SAND, trace Silt	
				0		
				0		
				0		
				0		
				0		
				0		
6				0		
				0		
				0		
				0		
7				0		
				0		
				0		
8				0		
				0		
	0					
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9	3	8-12	48/10	0	8'-12': Black, m-f SAND and SILT, trace f Gravel, wet due to groundwater	II
				0		
				0		
				0		
				0		
				0		
10				0		
				0		
				0		
				0		
11				0		
				0		
				0		
				0		
12				0		
EOB @ 12 FT BGS						
Notes:						
I. Soil Sample SB-04 (0-2) collected from 0-2ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals						
II. Soil Sample SB-04 (10-12) collected from 10-12ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals						
EOB - End of Boring FT BGS - Feet Below Ground Surface NA- Not Applicable						<b>Exploration No.</b>  <b>SB-04</b>



				<b>BORING LOG</b>		
<b>Project Name:</b> 20 Luquer Street <b>Project Address:</b> 20 Luquer Street, Brooklyn, NY 11231 <b>Client:</b> AAD Construction Corp.				<b>Exploration No.:</b> SB-05		<b>Drilling Method:</b> Direct Push <b>Type of Rig:</b> Geoprobe <b>Rig Model:</b> 54DT
				<b>Start Date:</b> 04/12/2019		
				<b>Completion Date:</b> 04/12/2019		
				<b>Final Bore Depth (ft):</b> 12		
<b>Logged by:</b> Nikita K Subramanian <b>Drilling Co:</b> CDD <b>Driller:</b> Joe Bellucci				<b>Groundwater Depth (ft):</b> 8		
				<b>Sampler Type:</b> Macrocore		
				<b>Sampler OD (in):</b> 2		
				<b>Sampler Length (in):</b> 48		
Depth (ft)	Sample No.	Sample Depth (ft)	Pen/Rec (in/in)	PID (ppm)	Soil Description	Remarks
0	1	0-6	72/24	0	0-1": Top soil	I
				0	0-1.25': Concrete	
				0		
				0		
1				0		
				0		
				0		
				0		
				0		
				0		
2				0		
				0		
				0		
				0		
				0		
				0		
3				0	1.25'-4.5': Brown, m-f SAND, little Silt and Concrete, trace Brick and f Gravel	
				0		
				0		
				0		
				0		
4				0		
				0		
				0		
	0					
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	0					
5	0	4.5'-6': Black, BRICK and m-f SAND, trace Silt				
	0					
	0					
	0					
	0					
	0					
6	0	6'-12': Black, m-f SAND, little Silt, wet due to groundwater				
	0					
	0					
7	0					
	0					
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8	0					
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	0					
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9	0					
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11	0					
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12	0					
<b>EOB @ 12 FT BGS</b>						
Notes:						
I. Soil Sample SB-05 (0-2) collected from 0-2ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals						
II. Soil Sample SB-05 (10-12) collected from 10-12ft for VOCs, SVOCs, Pesticides, PCBs, and TAL Metals					<b>Exploration No.</b>	
EOB - End of Boring                      FT BGS - Feet Below Ground Surface					<b>SB-05</b>	





# Technical Report

prepared for:

**ALC Environmental, Inc.**  
121 West 27th St., Suite 402  
New York NY, 10001  
**Attention: Nikita Subramanian**

Report Date: 04/24/2019  
**Client Project ID: 20 Luquer St**  
York Project (SDG) No.: 19D0615

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
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STRATFORD, CT 06615  
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132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/24/2019  
Client Project ID: 20 Luquer St  
York Project (SDG) No.: 19D0615

**ALC Environmental, Inc.**  
121 West 27th St., Suite 402  
New York NY, 10001  
Attention: Nikita Subramanian

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2019 with a temperature of 2.9 C. The project was identified as your project: **20 Luquer St.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
19D0615-01	SB-01 (0-2)	Soil	04/12/2019	04/12/2019
19D0615-02	SB-01 (4-6)	Soil	04/12/2019	04/12/2019
19D0615-03	SB-02 (0-2)	Soil	04/12/2019	04/12/2019
19D0615-04	SB-02 (4-6)	Soil	04/12/2019	04/12/2019
19D0615-05	SB-03 (0-2)	Soil	04/12/2019	04/12/2019
19D0615-06	SB-03 (10-12)	Soil	04/12/2019	04/12/2019
19D0615-07	SB-04 (0-2)	Soil	04/12/2019	04/12/2019
19D0615-08	SB-04 (10-12)	Soil	04/12/2019	04/12/2019
19D0615-09	SB-05 (0-2)	Soil	04/12/2019	04/12/2019
19D0615-10	SB-05 (10-12)	Soil	04/12/2019	04/12/2019

## **General Notes for York Project (SDG) No.: 19D0615**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 04/24/2019





## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

19D0615

20 Luquer St

Soil

April 12, 2019 2:18 pm

04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/24/2019 07:30	04/24/2019 14:47	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	74	300	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS





## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:18 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
67-64-1	Acetone	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
107-02-8	Acrolein	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
71-43-2	Benzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS



## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:18 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
95-47-6	o-Xylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 14:47	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 14:47	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
100-42-5	Styrene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.7	37	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 14:47	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
108-88-3	Toluene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS



## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:18 pm

**Date Received**  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH	04/24/2019 07:30	04/24/2019 14:47	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 14:47	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	109 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	116 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW



## Sample Information

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20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:18 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
91-57-6	<b>2-Methylnaphthalene</b>	<b>158</b>		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
83-32-9	<b>Acenaphthene</b>	<b>416</b>		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW



## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
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**Matrix**  
Soil

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	343		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
62-53-3	Aniline	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
120-12-7	Anthracene	898		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
92-87-5	Benzidine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
56-55-3	Benzo(a)anthracene	3010		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
50-32-8	Benzo(a)pyrene	2960		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
205-99-2	Benzo(b)fluoranthene	2670		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
191-24-2	Benzo(g,h,i)perylene	1990		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
207-08-9	Benzo(k)fluoranthene	2710		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
65-85-0	Benzoic acid	80.8	J	ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
85-68-7	Benzyl butyl phthalate	681		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
117-81-7	Bis(2-ethylhexyl)phthalate	193		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
105-60-2	Caprolactam	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
86-74-8	Carbazole	527		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
218-01-9	Chrysene	3860		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 13:13	OW



## Sample Information

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**York Sample ID:** 19D0615-01

**York Project (SDG) No.**  
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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	696		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
132-64-9	Dibenzofuran	324		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
84-74-2	Di-n-butyl phthalate	154		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
206-44-0	Fluoranthene	7830		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 13:13	OW
86-73-7	Fluorene	435		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
193-39-5	Indeno(1,2,3-cd)pyrene	2280		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
78-59-1	Isophorone	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
91-20-3	Naphthalene	345		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW
85-01-8	Phenanthrene	6350		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 13:13	OW
108-95-2	Phenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:19	OW



## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

York Project (SDG) No.  
19D0615

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	7020		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 13:13	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	49.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	50.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	50.5 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	53.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	62.1 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
50-29-3	4,4'-DDT	71.5		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
5103-71-9	alpha-Chlordane	34.3		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/16/2019 14:41	04/18/2019 00:51	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/16/2019 14:41	04/18/2019 00:51	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM





## Sample Information

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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/16/2019 14:41	04/18/2019 00:51	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 00:51	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	81.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	38.6 %	30-150							

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:12	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	04/16/2019 14:41	04/19/2019 00:12	TJD



## Sample Information

**Client Sample ID:** SB-01 (0-2)

**York Sample ID:** 19D0615-01

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:18 pm

Date Received  
04/12/2019

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	139 %		30-140						

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6190		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-36-0	Antimony	6.16		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-38-2	Arsenic	12.7		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-39-3	Barium	517		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-41-7	Beryllium	0.119		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-43-9	Cadmium	3.51		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-70-2	Calcium	23600		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-47-3	Chromium	35.1		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-48-4	Cobalt	9.62		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-50-8	Copper	1350		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7439-89-6	Iron	47300		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7439-92-1	Lead	910		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7439-95-4	Magnesium	2220		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7439-96-5	Manganese	527		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-02-0	Nickel	147		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-09-7	Potassium	796		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-22-4	Silver	3.82		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML



## Sample Information

**Client Sample ID:** SB-01 (0-2)

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19D0615

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Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:18 pm

Date Received  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	227		mg/kg dry	56.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-62-2	Vanadium	28.6		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML
7440-66-6	Zinc	967		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:50	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.27		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/16/2019 08:51	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.0		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM

## Sample Information

**Client Sample ID:** SB-01 (4-6)

**York Sample ID:** 19D0615-02

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:20 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS



## Sample Information

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**York Sample ID:** 19D0615-02

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19D0615

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20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:20 pm

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04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/24/2019 07:30	04/24/2019 15:11	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	270	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
78-93-3	2-Butanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
67-64-1	Acetone	9.7	CCV-E , J	ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS



## Sample Information

**Client Sample ID:** SB-01 (4-6)

**York Sample ID:** 19D0615-02

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:20 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
71-43-2	Benzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-25-2	Bromoform	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
74-83-9	Bromomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-00-3	Chloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
74-87-3	Chloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:11	RDS



## Sample Information

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**York Sample ID:** 19D0615-02

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19D0615

Client Project ID  
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Soil

Collection Date/Time  
April 12, 2019 2:20 pm

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04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:11	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:11	RDS
75-09-2	<b>Methylene chloride</b>	<b>7.0</b>	J	ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 15:11	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 15:11	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
100-42-5	Styrene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.4	34	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:11	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
108-88-3	Toluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH	04/24/2019 07:30	04/24/2019 15:11	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS



## Sample Information

**Client Sample ID:** SB-01 (4-6)

**York Sample ID:** 19D0615-02

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Collection Date/Time  
April 12, 2019 2:20 pm

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04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:11	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	111 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	127 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	<b>1,1-Biphenyl</b>	<b>73.6</b>	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW





## Sample Information

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
91-57-6	<b>2-Methylnaphthalene</b>	<b>262</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
83-32-9	<b>Acenaphthene</b>	<b>798</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
208-96-8	<b>Acenaphthylene</b>	<b>80.9</b>	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
98-86-2	Acetophenone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
62-53-3	Aniline	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
120-12-7	<b>Anthracene</b>	<b>1600</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW



## Sample Information

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
92-87-5	Benzidine	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>2560</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>2460</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>2010</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1550</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2000</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
65-85-0	Benzoic acid	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
85-68-7	<b>Benzyl butyl phthalate</b>	<b>521</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>125</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
105-60-2	Caprolactam	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
86-74-8	<b>Carbazole</b>	<b>675</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
218-01-9	<b>Chrysene</b>	<b>2730</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>511</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
132-64-9	<b>Dibenzofuran</b>	<b>545</b>		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW



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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
206-44-0	Fluoranthene	6620		ug/kg dry	228	456	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:06	OW
86-73-7	Fluorene	725		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
193-39-5	Indeno(1,2,3-cd)pyrene	1780		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
78-59-1	Isophorone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
91-20-3	Naphthalene	622		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
85-01-8	Phenanthrene	7050		ug/kg dry	228	456	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:06	OW
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:50	OW
129-00-0	Pyrene	6280		ug/kg dry	228	456	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:06	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	19.6 %	S-04	20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	38.1 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	44.9 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	52.4 %		21-113							



## Sample Information

**Client Sample ID:** SB-01 (4-6)

**York Sample ID:** 19D0615-02

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:20 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	3.76 %	S-04		19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	60.7 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
5103-71-9	alpha-Chlordane	33.4		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/16/2019 14:41	04/18/2019 01:21	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
57-74-9	Chlordane, total	204		ug/kg dry	35.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/16/2019 14:41	04/18/2019 01:21	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM



## Sample Information

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**York Sample ID:** 19D0615-02

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19D0615

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20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:20 pm

Date Received  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	24.6		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/16/2019 14:41	04/18/2019 01:21	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
8001-35-2	Toxaphene	ND		ug/kg dry	90.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/16/2019 14:41	04/18/2019 01:21	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	78.8 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	28.7 %	S-GC							

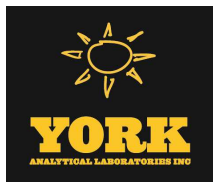
### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/16/2019 14:41	04/19/2019 00:36	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	04/16/2019 14:41	04/19/2019 00:36	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	132 %								



## Sample Information

**Client Sample ID:** SB-01 (4-6)

**York Sample ID:** 19D0615-02

**York Project (SDG) No.**

19D0615

**Client Project ID**

20 Luquer St

**Matrix**

Soil

**Collection Date/Time**

April 12, 2019 2:20 pm

**Date Received**

04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6010		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-36-0	Antimony	5.13		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-38-2	Arsenic	17.8		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-39-3	Barium	761		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-41-7	Beryllium	0.083		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-43-9	Cadmium	3.52		mg/kg dry	0.331	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-70-2	Calcium	18300		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-47-3	Chromium	26.2		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-48-4	Cobalt	9.94		mg/kg dry	0.442	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-50-8	Copper	355		mg/kg dry	2.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7439-89-6	Iron	41700		mg/kg dry	27.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7439-92-1	Lead	1060		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7439-95-4	Magnesium	2960		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7439-96-5	Manganese	337		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-02-0	Nickel	52.8		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-09-7	Potassium	1480		mg/kg dry	5.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7782-49-2	Selenium	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-23-5	Sodium	189		mg/kg dry	55.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-28-0	Thallium	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-62-2	Vanadium	34.2		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML
7440-66-6	Zinc	721		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:52	BML



## Sample Information

**Client Sample ID:** SB-01 (4-6)

**York Sample ID:** 19D0615-02

York Project (SDG) No.  
19D0615

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Soil

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April 12, 2019 2:20 pm

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04/12/2019

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.62		mg/kg dry	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/15/2019 17:08	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM

## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:01 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:37	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/24/2019 07:30	04/24/2019 15:37	RDS





## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

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Matrix  
Soil

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April 12, 2019 2:01 pm

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### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	93	370	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
78-93-3	2-Butanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
67-64-1	Acetone	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
107-02-8	Acrolein	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
71-43-2	Benzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-25-2	Bromoform	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS



## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:01 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-00-3	Chloroethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
67-66-3	Chloroform	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
74-87-3	Chloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 15:37	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS



## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:01 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
95-47-6	o-Xylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 15:37	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 15:37	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
100-42-5	Styrene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.6	46	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/24/2019 07:30	04/24/2019 15:37	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
108-88-3	Toluene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH	04/24/2019 07:30	04/24/2019 15:37	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	28	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 15:37	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	105 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	113 %	76-130								



## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:01 pm

**Date Received**  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	62.7	J	ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
91-57-6	2-Methylnaphthalene	227		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW



## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

York Project (SDG) No.  
19D0615

Client Project ID  
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Matrix  
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Collection Date/Time  
April 12, 2019 2:01 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	<b>3- &amp; 4-Methylphenols</b>	<b>76.3</b>	J	ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
83-32-9	<b>Acenaphthene</b>	<b>755</b>		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
208-96-8	<b>Acenaphthylene</b>	<b>306</b>		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
62-53-3	<b>Aniline</b>	<b>285</b>	J	ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
120-12-7	<b>Anthracene</b>	<b>1970</b>		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
92-87-5	Benzidine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>4520</b>		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>4170</b>		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>3560</b>		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>2850</b>		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW



## Sample Information

**Client Sample ID:** SB-02 (0-2)

**York Sample ID:** 19D0615-03

York Project (SDG) No.  
19D0615

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Soil

Collection Date/Time  
April 12, 2019 2:01 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	3690		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
85-68-7	Benzy l butyl phthalate	842		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
117-81-7	Bis(2-ethylhexyl)phthalate	233		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
105-60-2	Caprolactam	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
86-74-8	Carbazole	972		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
218-01-9	Chrysene	5200		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
53-70-3	Dibenzo(a,h)anthracene	995		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
132-64-9	Dibenzofuran	522		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
84-74-2	Di-n-butyl phthalate	132		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
206-44-0	Fluoranthene	10500		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
86-73-7	Fluorene	739		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW



## Sample Information

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
193-39-5	Indeno(1,2,3-cd)pyrene	2990		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
78-59-1	Isophorone	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
91-20-3	Naphthalene	371		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
85-01-8	Phenanthrene	9650		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
108-95-2	Phenol	ND		ug/kg dry	47.4	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:22	OW
129-00-0	Pyrene	10000		ug/kg dry	237	473	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/19/2019 00:38	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	49.6 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	52.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.2 %	24-116								

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
50-29-3	4,4'-DDT	18.1		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM





## Sample Information

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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
5103-71-9	<b>alpha-Chlordane</b>	<b>3.45</b>		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:11	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 00:11	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
5566-34-7	<b>gamma-Chlordane</b>	<b>2.85</b>		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:11	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:11	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	60.9 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	24.2 %	S-GC		30-150					



## Sample Information

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### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
11096-82-5	<b>Aroclor 1260</b>	<b>0.0632</b>		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 08:38	TJD
1336-36-3	<b>* Total PCBs</b>	<b>0.0632</b>		mg/kg dry	0.0189	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 08:38	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	93.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	116 %	30-140							

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>6520</b>		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-38-2	<b>Arsenic</b>	<b>15.7</b>		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-39-3	<b>Barium</b>	<b>712</b>		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-41-7	<b>Beryllium</b>	<b>0.190</b>		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-43-9	<b>Cadmium</b>	<b>1.95</b>		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-70-2	<b>Calcium</b>	<b>28500</b>		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-47-3	<b>Chromium</b>	<b>27.9</b>		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-48-4	<b>Cobalt</b>	<b>9.04</b>		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML



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### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	194		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7439-89-6	Iron	37100		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7439-92-1	Lead	1530		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7439-95-4	Magnesium	2860		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7439-96-5	Manganese	392		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-02-0	Nickel	33.1		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-09-7	Potassium	837		mg/kg dry	5.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-23-5	Sodium	273		mg/kg dry	56.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-62-2	Vanadium	28.7		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML
7440-66-6	Zinc	656		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:54	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.40		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/16/2019 09:00	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.0		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:03 pm

**Date Received**  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/23/2019 12:30	04/24/2019 01:54	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	230	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:03 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
67-64-1	Acetone	8.0	CCV-E , J	ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:03 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 01:54	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 01:54	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	29	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 01:54	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
127-18-4	<b>Tetrachloroethylene</b>	<b>19</b>		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:03 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH	04/23/2019 12:30	04/24/2019 01:54	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 01:54	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	108 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	<b>1,1-Biphenyl</b>	<b>345</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW





## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

**York Project (SDG) No.**  
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**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:03 pm

**Date Received**  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	<b>2,4-Dimethylphenol</b>	<b>127</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
91-57-6	<b>2-Methylnaphthalene</b>	<b>1430</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
95-48-7	<b>2-Methylphenol</b>	<b>93.9</b>	J	ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
65794-96-9	<b>3- &amp; 4-Methylphenols</b>	<b>202</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
83-32-9	<b>Acenaphthene</b>	<b>3100</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
208-96-8	<b>Acenaphthylene</b>	<b>383</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW



## Sample Information

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
62-53-3	Aniline	ND		ug/kg dry	193	385	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
120-12-7	<b>Anthracene</b>	<b>6210</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
1912-24-9	Atrazine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
92-87-5	Benzidine	ND		ug/kg dry	193	385	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>11800</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>10300</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>8460</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>5620</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>8280</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
65-85-0	Benzoic acid	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
105-60-2	Caprolactam	ND		ug/kg dry	96.2	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
86-74-8	<b>Carbazole</b>	<b>2680</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
218-01-9	<b>Chrysene</b>	<b>12300</b>		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>2380</b>		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW



## Sample Information

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	2390		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
206-44-0	Fluoranthene	28100		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
86-73-7	Fluorene	2770		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
193-39-5	Indeno(1,2,3-cd)pyrene	6480		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
78-59-1	Isophorone	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
91-20-3	Naphthalene	4330		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
85-01-8	Phenanthrene	30300		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW
108-95-2	Phenol	113		ug/kg dry	48.2	96.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:54	OW
129-00-0	Pyrene	25100		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:10	OW



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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.9 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	55.3 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	57.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.3 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:26	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 00:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:03 pm

Date Received  
04/12/2019

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:26	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.52	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:26	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	67.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	23.2 %	S-GC							

### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:02	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 09:02	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	91.0 %								



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:03 pm

**Date Received**  
04/12/2019

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	106 %			30-140					

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5240		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-36-0	Antimony	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-38-2	Arsenic	12.2		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-39-3	Barium	396		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-41-7	Beryllium	0.136		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-43-9	Cadmium	0.671		mg/kg dry	0.347	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-70-2	Calcium	12800		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-47-3	Chromium	17.5		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-48-4	Cobalt	8.08		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-50-8	Copper	89.0		mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7439-89-6	Iron	17200		mg/kg dry	28.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7439-92-1	Lead	537		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7439-95-4	Magnesium	1790		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7439-96-5	Manganese	226		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-02-0	Nickel	21.3		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-09-7	Potassium	796		mg/kg dry	5.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7782-49-2	Selenium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-23-5	Sodium	150		mg/kg dry	57.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML



## Sample Information

**Client Sample ID:** SB-02 (4-6)

**York Sample ID:** 19D0615-04

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:03 pm

Date Received  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-62-2	Vanadium	22.6		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML
7440-66-6	Zinc	556		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:56	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.64		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/15/2019 17:32	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.4		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM

## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS





## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/23/2019 12:30	04/24/2019 02:21	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	200	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
67-64-1	Acetone	15	CCV-E	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 02:21	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 02:21	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:21	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
127-18-4	<b>Tetrachloroethylene</b>	<b>7.1</b>		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH	04/23/2019 12:30	04/24/2019 02:21	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS



## Sample Information

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April 12, 2019 11:35 am

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04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:21	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	110 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	113 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

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Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
91-57-6	<b>2-Methylnaphthalene</b>	<b>123</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
83-32-9	<b>Acenaphthene</b>	<b>361</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
208-96-8	<b>Acenaphthylene</b>	<b>144</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
62-53-3	Aniline	ND		ug/kg dry	190	381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
120-12-7	<b>Anthracene</b>	<b>879</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

**York Project (SDG) No.**  
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**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 11:35 am

**Date Received**  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
92-87-5	Benzidine	ND		ug/kg dry	190	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>2470</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>2490</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>2160</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1590</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2010</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
85-68-7	<b>Benzyl butyl phthalate</b>	<b>255</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>104</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
86-74-8	<b>Carbazole</b>	<b>346</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
218-01-9	<b>Chrysene</b>	<b>2990</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>665</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
132-64-9	<b>Dibenzofuran</b>	<b>165</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
84-74-2	<b>Di-n-butyl phthalate</b>	<b>99.6</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
206-44-0	Fluoranthene	4810		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:41	OW
86-73-7	Fluorene	314		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
193-39-5	Indeno(1,2,3-cd)pyrene	1850		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
91-20-3	Naphthalene	160		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
85-01-8	Phenanthrene	3520		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:41	OW
108-95-2	Phenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:25	OW
129-00-0	Pyrene	4560		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 11:41	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.6 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	46.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	49.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	35.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	61.0 %	24-116								





## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
50-29-3	<b>4,4'-DDT</b>	<b>8.42</b>		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
5103-71-9	<b>alpha-Chlordane</b>	<b>15.2</b>		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:41	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
57-74-9	<b>Chlordane, total</b>	<b>75.1</b>		ug/kg dry	37.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 00:41	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
7421-93-4	<b>Endrin aldehyde</b>	<b>29.7</b>		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
5566-34-7	<b>gamma-Chlordane</b>	<b>9.67</b>		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:41	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.38	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 11:35 am

**Date Received**  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:41	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	66.0 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	23.8 %	S-GC	30-150						

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
11096-82-5	<b>Aroclor 1260</b>	<b>0.0356</b>		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:27	TJD
1336-36-3	<b>* Total PCBs</b>	<b>0.0356</b>		mg/kg dry	0.0189	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 09:27	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	83.0 %		30-140						

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>6610</b>		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-36-0	<b>Antimony</b>	<b>8.92</b>		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-38-2	<b>Arsenic</b>	<b>20.3</b>		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-39-3	<b>Barium</b>	<b>487</b>		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 11:35 am

**Date Received**  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	0.088		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-43-9	Cadmium	3.71		mg/kg dry	0.343	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-70-2	Calcium	40000		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-47-3	Chromium	52.1		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-48-4	Cobalt	10.8		mg/kg dry	0.458	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-50-8	Copper	491		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7439-89-6	Iron	50700		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7439-92-1	Lead	1510		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7439-95-4	Magnesium	6870		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7439-96-5	Manganese	460		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-02-0	Nickel	52.6		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-09-7	Potassium	865		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-23-5	Sodium	348		mg/kg dry	57.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-62-2	Vanadium	35.4		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML
7440-66-6	Zinc	1420		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 15:59	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	4.98		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/16/2019 09:09	SY



## Sample Information

**Client Sample ID:** SB-03 (0-2)

**York Sample ID:** 19D0615-05

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:35 am

Date Received  
04/12/2019

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.4		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM

## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/23/2019 12:30	04/24/2019 02:47	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Soil

Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	260	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
67-64-1	Acetone	20	CCV-E	ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Soil

Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 02:47	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 02:47	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Soil

Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	33	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 02:47	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH	04/23/2019 12:30	04/24/2019 02:47	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 02:47	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	113 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	76-130								

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	<b>1,1-Biphenyl</b>	<b>545</b>		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW





## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
105-67-9	<b>2,4-Dimethylphenol</b>	<b>200</b>		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
91-57-6	<b>2-Methylnaphthalene</b>	<b>2120</b>		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
95-48-7	<b>2-Methylphenol</b>	<b>71.0</b>	J	ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
65794-96-9	<b>3- &amp; 4-Methylphenols</b>	<b>201</b>		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
83-32-9	<b>Acenaphthene</b>	<b>4730</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
208-96-8	<b>Acenaphthylene</b>	<b>1220</b>		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
98-86-2	Acetophenone	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
62-53-3	Aniline	ND		ug/kg dry	205	409	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
120-12-7	<b>Anthracene</b>	<b>10900</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
1912-24-9	Atrazine	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
92-87-5	Benzidine	ND		ug/kg dry	205	409	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>13400</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>10500</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>8100</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>4920</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>8510</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
65-85-0	Benzoic acid	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
105-60-2	Caprolactam	ND		ug/kg dry	102	204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
86-74-8	<b>Carbazole</b>	<b>4080</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
218-01-9	<b>Chrysene</b>	<b>13400</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>2430</b>		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
132-64-9	<b>Dibenzofuran</b>	<b>3600</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
206-44-0	<b>Fluoranthene</b>	<b>34100</b>		ug/kg dry	1280	2550	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:12	OW
86-73-7	<b>Fluorene</b>	<b>5760</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>6400</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW
78-59-1	Isophorone	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
91-20-3	<b>Naphthalene</b>	<b>3690</b>		ug/kg dry	256	511	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:43	OW



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

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Collection Date/Time  
April 12, 2019 11:42 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
85-01-8	<b>Phenanthrene</b>	<b>37500</b>		ug/kg dry	1280	2550	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:12	OW
108-95-2	<b>Phenol</b>	<b>87.4</b>	J	ug/kg dry	51.2	102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 00:57	OW
129-00-0	<b>Pyrene</b>	<b>28800</b>		ug/kg dry	1280	2550	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 12:12	OW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: SURR: 2-Fluorophenol	69.5 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	64.8 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.5 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	70.0 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.9 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.2 %		24-116							

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
309-00-2	Aldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 03:41	CM



## Sample Information

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19D0615

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Collection Date/Time  
April 12, 2019 11:42 am

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04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
57-74-9	Chlordane, total	ND		ug/kg dry	40.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 03:41	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
72-20-8	Endrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 03:41	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
8001-35-2	Toxaphene	ND		ug/kg dry	103	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:41	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	82.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	55.3 %	30-150							

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD



## Sample Information

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April 12, 2019 11:42 am

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### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 09:51	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 09:51	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	113 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	142 %	30-140							

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5340		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-36-0	Antimony	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-38-2	Arsenic	12.1		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-39-3	Barium	87.3		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.372	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-70-2	Calcium	2150		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-47-3	Chromium	22.9		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-48-4	Cobalt	19.5		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-50-8	Copper	27.3		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML



## Sample Information

**Client Sample ID:** SB-03 (10-12)

**York Sample ID:** 19D0615-06

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 11:42 am

**Date Received**  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	76200		mg/kg dry	31.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7439-92-1	Lead	295		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7439-95-4	Magnesium	670		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7439-96-5	Manganese	337		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-02-0	Nickel	40.4		mg/kg dry	1.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-09-7	Potassium	547		mg/kg dry	6.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7782-49-2	Selenium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-22-4	Silver	ND		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-23-5	Sodium	117		mg/kg dry	62.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-28-0	Thallium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-62-2	Vanadium	29.6		mg/kg dry	1.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML
7440-66-6	Zinc	233		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:01	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.625		mg/kg dry	0.0372	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/15/2019 17:56	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM





## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:30 pm

**Date Received**  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/24/2019 07:30	04/24/2019 16:05	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>7.1</b>		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>21</b>		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	230	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
67-64-1	Acetone	6.1	CCV-E , J	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
108-87-2	<b>Methylcyclohexane</b>	<b>9.1</b>		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 16:05	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/24/2019 07:30	04/24/2019 16:05	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	29	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/24/2019 07:30	04/24/2019 16:05	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
127-18-4	<b>Tetrachloroethylene</b>	<b>6.0</b>		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH	04/24/2019 07:30	04/24/2019 16:05	RDS



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/24/2019 07:30	04/24/2019 16:05	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	111 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	124 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

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Soil

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April 12, 2019 2:30 pm

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>290</b>	J	ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
83-32-9	Acenaphthene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR



## Sample Information

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
62-53-3	Aniline	ND		ug/kg dry	957	1910	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
120-12-7	<b>Anthracene</b>	<b>577</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
1912-24-9	Atrazine	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
92-87-5	Benzidine	ND		ug/kg dry	957	1910	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>13700</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>11500</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>12200</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>9100</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2590</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
65-85-0	Benzoic acid	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
105-60-2	Caprolactam	ND		ug/kg dry	478	954	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
86-74-8	Carbazole	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
218-01-9	<b>Chrysene</b>	<b>28800</b>		ug/kg dry	1200	2390	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/18/2019 10:08	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>6270</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR



## Sample Information

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April 12, 2019 2:30 pm

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
206-44-0	<b>Fluoranthene</b>	<b>4500</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
86-73-7	Fluorene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>3220</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
78-59-1	Isophorone	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
85-01-8	<b>Phenanthrene</b>	<b>4860</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
108-95-2	Phenol	ND		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR
129-00-0	<b>Pyrene</b>	<b>8650</b>		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:16	SR





## Sample Information

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Soil

**Collection Date/Time**  
April 12, 2019 2:30 pm

**Date Received**  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	30.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	30.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	40.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	35.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	37.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	40.4 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
309-00-2	Aldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:56	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 00:56	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
72-20-8	Endrin	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 00:56	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
8001-35-2	Toxaphene	ND		ug/kg dry	95.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 00:56	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	56.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	29.2 %	S-GC							

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 10:15	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 10:15	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	114 %								



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:30 pm

**Date Received**  
04/12/2019

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	156 %			30-140					

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4100		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-38-2	Arsenic	28.9		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-39-3	Barium	1860		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-43-9	Cadmium	1.38		mg/kg dry	0.345	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-70-2	Calcium	12000		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-47-3	Chromium	29.1		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-48-4	Cobalt	9.17		mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-50-8	Copper	147		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7439-89-6	Iron	30900		mg/kg dry	28.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7439-92-1	Lead	1560		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7439-95-4	Magnesium	1530		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7439-96-5	Manganese	307		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-02-0	Nickel	28.6		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-09-7	Potassium	886		mg/kg dry	5.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-23-5	Sodium	148		mg/kg dry	57.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML



## Sample Information

**Client Sample ID:** SB-04 (0-2)

**York Sample ID:** 19D0615-07

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-62-2	Vanadium	28.4		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML
7440-66-6	Zinc	914		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:03	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.07		mg/kg dry	0.0345	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/16/2019 09:19	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.0		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM

## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/23/2019 12:30	04/24/2019 03:41	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/23/2019 12:30	04/24/2019 03:41	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/23/2019 12:30	04/24/2019 03:41	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	150	600	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/23/2019 12:30	04/24/2019 03:41	RDS
78-93-3	2-Butanone	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
67-64-1	Acetone	22	CCV-E , J	ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
107-02-8	Acrolein	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
71-43-2	Benzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-25-2	Bromoform	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
74-83-9	Bromomethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-00-3	Chloroethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
67-66-3	Chloroform	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
74-87-3	Chloromethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
75-09-2	<b>Methylene chloride</b>	<b>16</b>	J	ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
95-47-6	o-Xylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 03:41	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 03:41	RDS
99-87-6	<b>p-Isopropyltoluene</b>	<b>26</b>		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
100-42-5	Styrene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	7.5	75	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 03:41	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
127-18-4	<b>Tetrachloroethylene</b>	<b>9.9</b>	J	ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
108-88-3	Toluene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH	04/23/2019 12:30	04/24/2019 03:41	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	23	45	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 03:41	RDS





## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	110 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
98-86-2	Acetophenone	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
120-12-7	Anthracene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
1912-24-9	Atrazine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	76.1	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
92-87-5	Benzidine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
56-55-3	Benzo(a)anthracene	59.1	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
50-32-8	Benzo(a)pyrene	58.4	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
65-85-0	Benzoic acid	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
85-68-7	Benzyl butyl phthalate	82.7	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
105-60-2	Caprolactam	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
86-74-8	Carbazole	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
218-01-9	Chrysene	67.2	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
206-44-0	Fluoranthene	93.8		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
86-73-7	Fluorene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
78-59-1	Isophorone	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
85-01-8	Phenanthrene	68.7	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
108-95-2	Phenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
129-00-0	Pyrene	93.1		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 22:47	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.7 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	63.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.7 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	76.0 %	19-110								



## Sample Information

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**York Sample ID:** 19D0615-08

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:30 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.0 %			24-116						

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 03:56	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 03:56	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 03:56	CM



## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:30 pm

**Date Received**  
04/12/2019

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 03:56	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	84.5 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.4 %		30-150						

### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:50	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 11:50	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	117 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	106 %		30-140						

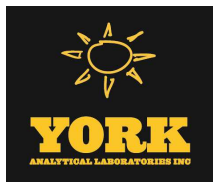
### Metals, Target Analyte

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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## Sample Information

**Client Sample ID:** SB-04 (10-12)

**York Sample ID:** 19D0615-08

York Project (SDG) No.

19D0615

Client Project ID

20 Luquer St

Matrix

Soil

Collection Date/Time

April 12, 2019 2:30 pm

Date Received

04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1440		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-36-0	Antimony	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-38-2	Arsenic	8.73		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-39-3	Barium	95.8		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-41-7	Beryllium	0.113		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-43-9	Cadmium	0.690		mg/kg dry	0.336	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-70-2	Calcium	3790		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-47-3	Chromium	5.47		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-48-4	Cobalt	5.32		mg/kg dry	0.448	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-50-8	Copper	40.5		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7439-89-6	Iron	4780		mg/kg dry	28.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7439-92-1	Lead	133		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7439-95-4	Magnesium	211		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7439-96-5	Manganese	85.5		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-02-0	Nickel	14.0		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-09-7	Potassium	167		mg/kg dry	5.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7782-49-2	Selenium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-23-5	Sodium	85.2		mg/kg dry	56.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-28-0	Thallium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-62-2	Vanadium	7.60		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML
7440-66-6	Zinc	260		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:05	BML





## Sample Information

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Soil

Collection Date/Time  
April 12, 2019 2:30 pm

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### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.562		mg/kg dry	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/15/2019 18:20	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM

## Sample Information

**Client Sample ID:** SB-05 (0-2)

**York Sample ID:** 19D0615-09

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:10 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/23/2019 12:30	04/24/2019 04:07	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/23/2019 12:30	04/24/2019 04:07	RDS



## Sample Information

**Client Sample ID:** SB-05 (0-2)

**York Sample ID:** 19D0615-09

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:10 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	200	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
67-64-1	Acetone	19	CCV-E	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS



## Sample Information

**Client Sample ID:** SB-05 (0-2)

**York Sample ID:** 19D0615-09

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:10 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS



## Sample Information

**Client Sample ID:** SB-05 (0-2)

**York Sample ID:** 19D0615-09

York Project (SDG) No.  
19D0615

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20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:10 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 04:07	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 04:07	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:07	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
127-18-4	<b>Tetrachloroethylene</b>	<b>4.9</b>	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH	04/23/2019 12:30	04/24/2019 04:07	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:07	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %				77-125					
2037-26-5	Surrogate: SURRE: Toluene-d8	109 %				85-120					
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	143 %	S-09			76-130					



## Sample Information

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Soil

Collection Date/Time  
April 12, 2019 2:10 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR



## Sample Information

**Client Sample ID:** SB-05 (0-2)

**York Sample ID:** 19D0615-09

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:10 pm

**Date Received**  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
83-32-9	Acenaphthene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
98-86-2	Acetophenone	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
62-53-3	Aniline	ND		ug/kg dry	909	1820	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
120-12-7	Anthracene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
1912-24-9	Atrazine	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
92-87-5	Benzidine	ND		ug/kg dry	909	1820	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>483</b>		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>497</b>		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>399</b>	J	ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>316</b>	J	ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR



## Sample Information

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**York Sample ID:** 19D0615-09

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Soil

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Date Received  
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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	363	J	ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
65-85-0	Benzoic acid	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
85-68-7	Benzy l butyl phthalate	613		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
105-60-2	Caprolactam	ND		ug/kg dry	454	907	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
86-74-8	Carbazole	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
218-01-9	Chrysene	443	J	ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
206-44-0	Fluoranthene	777		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
86-73-7	Fluorene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR





## Sample Information

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Collection Date/Time  
April 12, 2019 2:10 pm

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
193-39-5	Indeno(1,2,3-cd)pyrene	283	J	ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
78-59-1	Isophorone	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
91-20-3	Naphthalene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
85-01-8	Phenanthrene	385	J	ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
108-95-2	Phenol	ND		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
129-00-0	Pyrene	802		ug/kg dry	228	454	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:17	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	9.80 %	S-01		20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	42.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	135 %	S-01		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	0.800 %	S-01		19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.6 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM



## Sample Information

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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
5103-71-9	alpha-Chlordane	18.4		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 01:11	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
57-74-9	Chlordane, total	108		ug/kg dry	35.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 01:11	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
5566-34-7	gamma-Chlordane	16.2		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 01:11	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 01:11	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	89.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	50.3 %	30-150							



## Sample Information

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**York Project (SDG) No.**  
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April 12, 2019 2:10 pm

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### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:03	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 11:03	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	108 %	30-140							

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7000		mg/kg dry	5.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-36-0	Antimony	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-38-2	Arsenic	9.02		mg/kg dry	1.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-39-3	Barium	101		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-43-9	Cadmium	1.04		mg/kg dry	0.329	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-70-2	Calcium	48700		mg/kg dry	5.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-47-3	Chromium	32.4		mg/kg dry	0.548	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-48-4	Cobalt	7.11		mg/kg dry	0.438	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML



## Sample Information

**Client Sample ID:** SB-05 (0-2)

**York Sample ID:** 19D0615-09

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:10 pm

Date Received  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	65.3		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7439-89-6	Iron	14000		mg/kg dry	27.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7439-92-1	Lead	211		mg/kg dry	0.548	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7439-95-4	Magnesium	6330		mg/kg dry	5.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7439-96-5	Manganese	228		mg/kg dry	0.548	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-02-0	Nickel	34.2		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-09-7	Potassium	783		mg/kg dry	5.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-23-5	Sodium	118		mg/kg dry	54.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-62-2	Vanadium	19.7		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML
7440-66-6	Zinc	117		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:13	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.94		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/16/2019 09:28	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.2		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM



## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:17 pm

**Date Received**  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/23/2019 12:30	04/24/2019 04:34	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	260	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
78-93-3	2-Butanone	5.6	J	ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS



## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
67-64-1	Acetone	37	CCV-E	ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
107-02-8	Acrolein	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS



## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 04:34	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/23/2019 12:30	04/24/2019 04:34	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
100-42-5	Styrene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	33	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/23/2019 12:30	04/24/2019 04:34	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS





## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH	04/23/2019 12:30	04/24/2019 04:34	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/23/2019 12:30	04/24/2019 04:34	RDS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			76-130						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR



## Sample Information

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April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
83-32-9	Acenaphthene	88.0	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR



## Sample Information

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**York Sample ID:** 19D0615-10

**York Project (SDG) No.**  
19D0615

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**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:17 pm

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04/12/2019

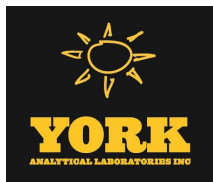
### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
98-86-2	Acetophenone	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
62-53-3	Aniline	ND		ug/kg dry	200	401	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
120-12-7	<b>Anthracene</b>	<b>251</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
1912-24-9	Atrazine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
92-87-5	Benzidine	ND		ug/kg dry	200	401	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>544</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>537</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>412</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>289</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>386</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
65-85-0	Benzoic acid	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
105-60-2	Caprolactam	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
86-74-8	<b>Carbazole</b>	<b>95.2</b>	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
218-01-9	<b>Chrysene</b>	<b>513</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR



## Sample Information

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April 12, 2019 2:17 pm

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### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>107</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
132-64-9	<b>Dibenzofuran</b>	<b>72.0</b>	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
206-44-0	<b>Fluoranthene</b>	<b>1150</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
86-73-7	<b>Fluorene</b>	<b>97.6</b>	J	ug/kg dry	50.1	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>281</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
78-59-1	Isophorone	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
85-01-8	<b>Phenanthrene</b>	<b>1030</b>		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
108-95-2	Phenol	ND		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR



## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	1120		ug/kg dry	50.1	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:21	04/17/2019 23:48	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	69.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	80.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	40.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.0 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
309-00-2	Aldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 04:56	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/17/2019 08:16	04/19/2019 04:56	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM



## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/17/2019 08:16	04/19/2019 04:56	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
8001-35-2	Toxaphene	ND		ug/kg dry	99.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 08:16	04/19/2019 04:56	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	89.0 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	82.9 %					30-150			

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 08:16	04/24/2019 11:27	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	04/17/2019 08:16	04/24/2019 11:27	TJD



## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

York Project (SDG) No.  
19D0615

Client Project ID  
20 Luquer St

Matrix  
Soil

Collection Date/Time  
April 12, 2019 2:17 pm

Date Received  
04/12/2019

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	110 %		30-140						

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5410		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-36-0	Antimony	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-38-2	Arsenic	6.92		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-39-3	Barium	98.9		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-41-7	Beryllium	0.065		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.361	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-70-2	Calcium	56300		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-47-3	Chromium	11.0		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-48-4	Cobalt	4.33		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-50-8	Copper	24.3		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7439-89-6	Iron	8050		mg/kg dry	30.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7439-92-1	Lead	137		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7439-95-4	Magnesium	4710		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7439-96-5	Manganese	223		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-02-0	Nickel	20.4		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-09-7	Potassium	756		mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-22-4	Silver	ND		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML





## Sample Information

**Client Sample ID:** SB-05 (10-12)

**York Sample ID:** 19D0615-10

**York Project (SDG) No.**  
19D0615

**Client Project ID**  
20 Luquer St

**Matrix**  
Soil

**Collection Date/Time**  
April 12, 2019 2:17 pm

**Date Received**  
04/12/2019

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	229		mg/kg dry	60.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-28-0	Thallium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-62-2	Vanadium	13.1		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML
7440-66-6	Zinc	209		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 11:27	04/16/2019 16:15	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.36		mg/kg dry	0.0361	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/15/2019 14:30	04/15/2019 18:45	SY

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.1		%	0.100	1	SM 2540G Certifications: CTDOH	04/16/2019 14:40	04/16/2019 21:12	TJM



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19D0615-01	SB-01 (0-2)	40mL Vial with Stir Bar-Cool 4° C
19D0615-02	SB-01 (4-6)	40mL Vial with Stir Bar-Cool 4° C
19D0615-03	SB-02 (0-2)	40mL Vial with Stir Bar-Cool 4° C
19D0615-04	SB-02 (4-6)	40mL Vial with Stir Bar-Cool 4° C
19D0615-05	SB-03 (0-2)	40mL Vial with Stir Bar-Cool 4° C
19D0615-06	SB-03 (10-12)	40mL Vial with Stir Bar-Cool 4° C
19D0615-07	SB-04 (0-2)	40mL Vial with Stir Bar-Cool 4° C
19D0615-08	SB-04 (10-12)	40mL Vial with Stir Bar-Cool 4° C
19D0615-09	SB-05 (0-2)	40mL Vial with Stir Bar-Cool 4° C
19D0615-10	SB-05 (10-12)	40mL Vial with Stir Bar-Cool 4° C



### Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

### Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



York Analytical Laboratories, Inc.  
120 Research Drive  
Stratford, CT 06615  
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**YORK**  
ANALYTICAL LABORATORIES, INC.

# Field Chain-of-Custody Record

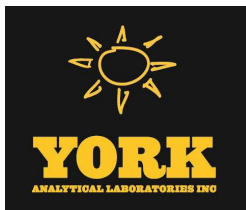
YORK Project No.

19D0615

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	ALC ENVIRONMENTAL	Company:		Company:		20 LUGUER STREET		RUSH - Next Day	
Address:	121 W 27th Street,	Address:		Address:		20 LUGUER STREET		RUSH - Two Day	
City/State/Zip:	New York, NY 10001	City/State/Zip:		City/State/Zip:		20 LUGUER STREET		RUSH - Three Day	
Phone:	212-675-5544	Phone:		Phone:				RUSH - Four Day	
Contact:	NIKITA SUBRAMANIAN	Contact:		Contact:				Standard (5-7 Day)	
E-mail:	nikita-subramanian@alcenvironmental.com	E-mail:		E-mail:					
Samples Collected by: (print your name above and sign below)		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
NIKITA SUBRAMANIAN		S - soil / solid		New York		Summary Report		Compared to the following Regulation(s): (please fill in)	
[Signature]		GW - groundwater		New Jersey		QA Report			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil		Other					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
SB-01 (0-2)		S		04/12/08 12:18 PM		VOCs, SVOCs, PCBs, TAL		TERRA LOKES	
SB-01 (4-6)		S		02:20 PM		Metals, Pesticides			
SB-02 (0-2)		S		02:00 PM					
SB-02 (4-6)		S		02:03 PM					
SB-03 (0-2)		S		11:35 AM					
SB-03 (10-12)		S		11:42 AM					
SB-04 (0-2)		S		02:30 PM					
SB-04 (10-12)		S		02:30 PM					
SB-05 (0-2)		S		02:10 PM					
SB-05 (10-12)		S		02:17 PM					
Comments:		NK				Preservation: (check all that apply)		Special Instruction	
						HCl MeOH <input checked="" type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/>		Field Filtered Lab to Filter	
						Ascorbic Acid <input type="checkbox"/> Other: DI Water			
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time			
Giv / ALC		04/12/08 12:18 PM		[Signature]		4/12/08 15:10			
Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
Relinquished by / Company		Date/Time		Samples Received in LAB by		Date/Time			
				A. Hale 4/12/08 - 2008		4/12/08 20:08			
								Temp. Received at Lab	
								2.9	



# Technical Report

prepared for:

**ALC Environmental, Inc.**  
121 West 27th St., 402  
New York NY, 10001  
**Attention: Nikita Subramanian**

Report Date: 04/24/2019  
**Client Project ID: 20 LUQUER STREET**  
York Project (SDG) No.: 19D0631

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

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(203) 325-1371

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RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/24/2019  
Client Project ID: 20 LUQUER STREET  
York Project (SDG) No.: 19D0631

**ALC Environmental, Inc.**  
121 West 27th St., 402  
New York NY, 10001  
Attention: Nikita Subramanian

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2019 with a temperature of 2.7 C. The project was identified as your project: **20 LUQUER STREET**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
19D0631-01	GW-01	Water	04/12/2019	04/12/2019
19D0631-02	GW-02	Water	04/12/2019	04/12/2019
19D0631-03	GW-03	Water	04/12/2019	04/12/2019
19D0631-04	Trip Blank	Water	04/12/2019	04/12/2019



## **General Notes for York Project (SDG) No.: 19D0631**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 04/24/2019





## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

19D0631

20 LUQUER STREET

Water

April 12, 2019 12:15 pm

04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-34-3	<b>1,1-Dichloroethane</b>	<b>0.59</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:56	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:56	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:56	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:56	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
71-43-2	<b>Benzene</b>	<b>0.40</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>1.6</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 01:56	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 01:56	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:56	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
127-18-4	<b>Tetrachloroethylene</b>	<b>2.8</b>		CCV-E ug/L , QL-02	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
79-01-6	<b>Trichloroethylene</b>	<b>0.80</b>		CCV-E ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:56	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.3 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %			79-122						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

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Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
120-12-7	Anthracene	0.0526		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
56-55-3	Benzo(a)anthracene	0.137		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
50-32-8	Benzo(a)pyrene	0.137		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
205-99-2	Benzo(b)fluoranthene	0.116		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
191-24-2	Benzo(g,h,i)perylene	0.0947		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
207-08-9	Benzo(k)fluoranthene	0.126		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
218-01-9	Chrysene	0.147		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
53-70-3	Dibenzo(a,h)anthracene	0.0526		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR





## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
206-44-0	<b>Fluoranthene</b>	<b>0.274</b>		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.105</b>		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
85-01-8	<b>Phenanthrene</b>	<b>0.179</b>		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 12:31	SR
129-00-0	<b>Pyrene</b>	<b>0.200</b>		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 20:45	OW
Surrogate Recoveries		Result	Acceptance Range								



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

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20 LUQUER STREET

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Water

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April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	36.8 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	20.8 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	86.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	93.6 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.6 %			30.7-106						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
57-74-9	Chlordane, total	ND		ug/L	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 02:56	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	102 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.3 %		30-150						

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 16:59	TJD
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	04/17/2019 14:27	04/22/2019 16:59	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	148 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	143 %		30-120						



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

**York Project (SDG) No.**  
19D0631

**Client Project ID**  
20 LUQUER STREET

**Matrix**  
Water

**Collection Date/Time**  
April 12, 2019 12:15 pm

**Date Received**  
04/12/2019

### Metals, Target Analyte, ICP

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2.17		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-39-3	Barium	0.220		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-70-2	Calcium	164		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-50-8	Copper	0.0469		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7439-89-6	Iron	5.53		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7439-92-1	Lead	0.151		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7439-95-4	Magnesium	18.3		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7439-96-5	Manganese	0.382		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-09-7	Potassium	8.37		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-23-5	Sodium	43.8		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML
7440-66-6	Zinc	0.165		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:01	BML

### Metals, Target Analyte, ICP Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-39-3	Barium	0.111		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-70-2	Calcium	167		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:15 pm

Date Received  
04/12/2019

### Metals, Target Analyte, ICP Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7439-95-4	Magnesium	18.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7439-96-5	Manganese	0.342		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-09-7	Potassium	8.47		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-23-5	Sodium	39.2		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML
7440-66-6	Zinc	0.0543		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:47	KML

### Metals, Target Analyte, ICPMS

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	1.53		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 14:59	KML
7440-38-2	Arsenic	20.1		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 14:59	KML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 14:59	KML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 14:59	KML
7782-49-2	Selenium	8.31		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 14:59	KML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 14:59	KML



## Sample Information

**Client Sample ID:** GW-01

**York Sample ID:** 19D0631-01

**York Project (SDG) No.**  
19D0631

**Client Project ID**  
20 LUQUER STREET

**Matrix**  
Water

**Collection Date/Time**  
April 12, 2019 12:15 pm

**Date Received**  
04/12/2019

### Metals, Target Analyte, ICPMS Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:46	BML
7440-38-2	Arsenic	1.87		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:46	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:46	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:46	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:46	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:46	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 09:56	04/15/2019 13:21	SY

### Mercury by 7473, Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:42	04/16/2019 16:41	SY

## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

**York Project (SDG) No.**  
19D0631

**Client Project ID**  
20 LUQUER STREET

**Matrix**  
Water

**Collection Date/Time**  
April 12, 2019 10:45 am

**Date Received**  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
71-55-6	1,1,1-Trichloroethane	0.52		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-34-3	<b>1,1-Dichloroethane</b>	<b>1.9</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
78-87-5	<b>1,2-Dichloropropane</b>	<b>0.76</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
67-64-1	<b>Acetone</b>	<b>2.8</b>		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ





## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
67-66-3	<b>Chloroform</b>	<b>0.21</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.57</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 02:26	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 02:26	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:26	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
127-18-4	<b>Tetrachloroethylene</b>	<b>1.8</b>	CCV-E , QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
79-01-6	<b>Trichloroethylene</b>	<b>0.51</b>	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:26	LLJ



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	94.8 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	111 %			79-122						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
206-44-0	<b>Fluoranthene</b>	<b>0.0526</b>		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 21:16	OW
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:02	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:16	OW
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.9 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	20.3 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	88.1 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.4 %	39.9-105								



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	96.9 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.4 %			30.7-106						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
57-74-9	Chlordane, total	ND		ug/L	0.0216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM





## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:11	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	94.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %	30-150							

### Polychlorinated Biphenyls (PCB)

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:23	TJD
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/17/2019 14:27	04/22/2019 17:23	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	137 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	150 %	30-120							



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

**York Project (SDG) No.**  
19D0631

**Client Project ID**  
20 LUQUER STREET

**Matrix**  
Water

**Collection Date/Time**  
April 12, 2019 10:45 am

**Date Received**  
04/12/2019

### Metals, Target Analyte, ICP

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.259		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-39-3	Barium	0.115		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-70-2	Calcium	173		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7439-89-6	Iron	0.450		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7439-92-1	Lead	0.00986		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7439-95-4	Magnesium	24.9		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7439-96-5	Manganese	0.302		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-09-7	Potassium	10.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-23-5	Sodium	45.4		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML
7440-66-6	Zinc	0.151		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:04	BML

### Metals, Target Analyte, ICP Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-39-3	Barium	0.104		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-70-2	Calcium	179		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Metals, Target Analyte, ICP Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	0.00487		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7439-95-4	Magnesium	24.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7439-96-5	Manganese	0.373		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-09-7	Potassium	10.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-23-5	Sodium	38.7		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML
7440-66-6	Zinc	0.0891		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:50	KML

### Metals, Target Analyte, ICPMS

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	2.10		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:03	KML
7440-38-2	Arsenic	6.51		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:03	KML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:03	KML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:03	KML
7782-49-2	Selenium	5.38		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:03	KML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:03	KML



## Sample Information

**Client Sample ID:** GW-02

**York Sample ID:** 19D0631-02

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 10:45 am

Date Received  
04/12/2019

### Metals, Target Analyte, ICPMS Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	2.55		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:50	BML
7440-38-2	Arsenic	3.03		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:50	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:50	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:50	BML
7782-49-2	Selenium	5.60		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:50	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:50	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 09:56	04/15/2019 14:09	SY

### Mercury by 7473, Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:42	04/16/2019 16:52	SY

## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
71-55-6	1,1,1-Trichloroethane	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-34-3	<b>1,1-Dichloroethane</b>	<b>0.35</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
78-87-5	<b>1,2-Dichloropropane</b>	<b>0.40</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
67-66-3	<b>Chloroform</b>	<b>0.36</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>0.63</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 02:57	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 02:57	LLJ
99-87-6	<b>p-Isopropyltoluene</b>	<b>0.27</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 02:57	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
127-18-4	<b>Tetrachloroethylene</b>	<b>2.8</b>	CCV-E , QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
79-01-6	<b>Trichloroethylene</b>	<b>0.81</b>	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 02:57	LLJ





## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	94.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %			79-122						

### Semi-Volatiles, 8270 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
206-44-0	<b>Fluoranthene</b>	<b>0.0718</b>		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/19/2019 13:33	SR
129-00-0	<b>Pyrene</b>	<b>0.0513</b>		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 07:53	04/17/2019 21:48	OW
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	31.8 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	17.5 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.9 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.4 %	39.9-105								



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Semi-Volatiles, 8270 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	83.2 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.7 %			30.7-106						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 14:27	04/19/2019 03:26	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	80.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.7 %	30-150							

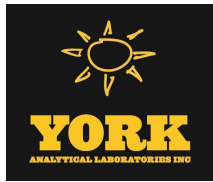
### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/17/2019 14:27	04/22/2019 17:47	TJD
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	04/17/2019 14:27	04/22/2019 17:47	TJD
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
877-09-8	Surrogate: Tetrachloro-m-xylene	122 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	148 %	30-120							



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

**York Project (SDG) No.**

19D0631

**Client Project ID**

20 LUQUER STREET

**Matrix**

Water

**Collection Date/Time**

April 12, 2019 1:15 pm

**Date Received**

04/12/2019

### Metals, Target Analyte, ICP

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3.22		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-39-3	Barium	0.199		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-70-2	Calcium	194		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-47-3	Chromium	0.00786		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-50-8	Copper	0.0327		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7439-89-6	Iron	3.93		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7439-92-1	Lead	0.160		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7439-95-4	Magnesium	17.6		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7439-96-5	Manganese	0.162		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-09-7	Potassium	9.71		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-23-5	Sodium	25.7		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML
7440-66-6	Zinc	0.447		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:29	04/15/2019 22:06	BML

### Metals, Target Analyte, ICP Dissolved

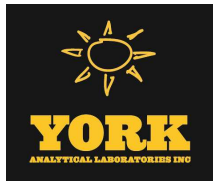
### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.0734		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-39-3	Barium	0.0994		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-70-2	Calcium	173		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML





## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.

19D0631

Client Project ID

20 LUQUER STREET

Matrix

Water

Collection Date/Time

April 12, 2019 1:15 pm

Date Received

04/12/2019

### Metals, Target Analyte, ICP Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7439-95-4	Magnesium	16.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7439-96-5	Manganese	0.0294		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-09-7	Potassium	9.45		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-23-5	Sodium	22.9		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML
7440-66-6	Zinc	0.326		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:50	04/18/2019 18:52	KML

### Metals, Target Analyte, ICPMS

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	7.54		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:08	KML
7440-38-2	Arsenic	10.1		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:08	KML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:08	KML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:08	KML
7782-49-2	Selenium	14.8		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:08	KML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:27	04/16/2019 15:08	KML



## Sample Information

**Client Sample ID:** GW-03

**York Sample ID:** 19D0631-03

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 1:15 pm

Date Received  
04/12/2019

### Metals, Target Analyte, ICPMS Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	8.03		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:55	BML
7440-38-2	Arsenic	4.81		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:55	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:55	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:55	BML
7782-49-2	Selenium	13.6		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:55	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/17/2019 12:49	04/24/2019 02:55	BML

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 09:56	04/15/2019 14:19	SY

### Mercury by 7473, Dissolved

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/15/2019 14:42	04/16/2019 17:02	SY

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 19D0631-04

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:00 am

Date Received  
04/12/2019

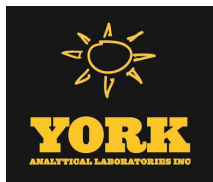
### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 19D0631-04

York Project (SDG) No.

19D0631

Client Project ID

20 LUQUER STREET

Matrix

Water

Collection Date/Time

April 12, 2019 12:00 am

Date Received

04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:24	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:24	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:24	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	04/16/2019 17:58	04/17/2019 01:24	LLJ
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 19D0631-04

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:00 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	4.9		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 19D0631-04

**York Project (SDG) No.**  
19D0631

**Client Project ID**  
20 LUQUER STREET

**Matrix**  
Water

**Collection Date/Time**  
April 12, 2019 12:00 am

**Date Received**  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 01:24	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	04/16/2019 17:58	04/17/2019 01:24	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/16/2019 17:58	04/17/2019 01:24	LLJ
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
108-88-3	<b>Toluene</b>	<b>0.21</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ



## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 19D0631-04

York Project (SDG) No.  
19D0631

Client Project ID  
20 LUQUER STREET

Matrix  
Water

Collection Date/Time  
April 12, 2019 12:00 am

Date Received  
04/12/2019

### Volatile Organics, 8260 - Comprehensive

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	04/16/2019 17:58	04/17/2019 01:24	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	93.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	79-122								



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19D0631-01	GW-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19D0631-02	GW-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19D0631-03	GW-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19D0631-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C





## Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

## Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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120 Research Drive  
Stratford, CT 06615  
clientservices@yorklab.com  
www.yorklab.com

**YORK**  
ANALYTICAL LABORATORIES INC

# Field Chain-of-Custody Record

YORK Project No.

19D0631

Page 1 of 1

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.  
This document serves as your written authorization for YORK to proceed with the analyses requested below.  
Your signature binds you to YORK's Standard Terms & Conditions.

## YOUR INFORMATION

Company: ALLEN ENVIRONMENTAL  
Address: 121 W 27th Street,  
New York, NY 10001  
Phone: 212-675-5544  
Contact: NIKITA SUBRAMANIAN  
E-mail: nikita.subramanian@allenenvironmental.com

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

NIKITA SUBRAMANIAN

Samples Collected by: (print your name above and sign below)

## Report To:

Company:  
Address:  
Phone:  
Contact:  
E-mail:

## Invoice To:

Company:  
Address:  
Phone:  
Contact:  
E-mail:

## YOUR Project Number

20 LUDOVER STREET

## YOUR Project Name

20 LUDOVER STREET

## YOUR PO#:

## Turn-Around Time

RUSH - Next Day  
RUSH - Two Day  
RUSH - Three Day  
RUSH - Four Day  
Standard (5-7 Day)

## Report / EDD Type (circle selections)

Matrix Codes	Samples From	Summary Report	CT RCP	Standard Excel EDD
S - soil / solid	New York	QA Report	<input checked="" type="checkbox"/>	EQUS (Standard)
GW - groundwater	New Jersey	NY ASP A Package	<input type="checkbox"/>	NYSDEC EQUIS
DW - drinking water	Connecticut	NY ASP B Package	<input type="checkbox"/>	NUDEP SRP HazSite
WW - wastewater	Pennsylvania		<input type="checkbox"/>	Other:
O - Oil	Other		<input type="checkbox"/>	

## YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

## Sample Identification

GW-01  
GW-02  
GW-03

## Date/Time Sampled

04/12/12:15PM  
10:45am  
01:15PM

## Sample Matrix

GW  
↓  
↓

## Analysis Requested

VOC, SVOC, Metals (filtered and unfiltered), PCBs, Pest  
↓  
↓

## Container Description

VOAs / Amber  
Jars  
↓

## Comments:

NK

## Preservation: (check all that apply)

HCl ☒ MeOH ☐ HNO<sub>3</sub> ☐ H<sub>2</sub>SO<sub>4</sub> ☐ NaOH ☐ ZnAc ☐  
Ascorbic Acid ☐ Other: ☐

## Special Instruction

Field Filtered  
Lab to Filter ☒

Samples Relinquished by / Company

Date/Time

04/12 03:15PM

Samples Received by / Company

04/19/19

Date/Time

15:10

Samples Relinquished by / Company

4/12/19

Date/Time

20:08

Samples Relinquished by / Company

Date/Time

04/12 03:15PM

Samples Received by / Company

Date/Time

04/19/19

Samples Relinquished by / Company

4/12/19

Date/Time

20:08

Samples Relinquished by / Company

Date/Time

04/12 03:15PM

Samples Received by / Company

Date/Time

04/19/19

Samples Relinquished by / Company

4/12/19

Date/Time

20:08

Temp. Received at Lab

2.7

Degrees C



# Technical Report

prepared for:

**ALC Environmental, Inc.**  
121 West 27th St., 402  
New York NY, 10001  
**Attention: Nikita Subramanian**

Report Date: 04/19/2019  
**Client Project ID: 20 Luquer St**  
York Project (SDG) No.: 19D0609

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/19/2019  
Client Project ID: 20 Luquer St  
York Project (SDG) No.: 19D0609

**ALC Environmental, Inc.**  
121 West 27th St., 402  
New York NY, 10001  
Attention: Nikita Subramanian

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2019 with a temperature of C. The project was identified as your project: **20 Luquer St.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.


Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
19D0609-01	SV-01	Soil Vapor	04/12/2019	04/12/2019
19D0609-02	SV-02	Soil Vapor	04/12/2019	04/12/2019
19D0609-03	SV-03	Soil Vapor	04/12/2019	04/12/2019
19D0609-04	SV-04	Soil Vapor	04/12/2019	04/12/2019
19D0609-05	SV-05	Soil Vapor	04/12/2019	04/12/2019

## **General Notes for York Project (SDG) No.: 19D0609**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 04/19/2019





## Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 19D0609-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

19D0609

20 Luquer St

Soil Vapor

April 12, 2019 9:10 am

04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	8.4	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	12	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	8.4	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	6.2	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>81</b>		ug/m <sup>3</sup>	7.5	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	12	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.2	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	6.2	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	7.1	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>32</b>		ug/m <sup>3</sup>	7.5	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	10	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.2	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	7.1	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.2	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
78-93-3	<b>2-Butanone</b>	<b>6.8</b>		ug/m <sup>3</sup>	4.5	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS





## Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 19D0609-01

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:10 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	13	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	24	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	6.3	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
67-64-1	<b>Acetone</b>	<b>27</b>		ug/m <sup>3</sup>	7.3	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	3.3	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
71-43-2	<b>Benzene</b>	<b>9.8</b>		ug/m <sup>3</sup>	4.9	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	7.9	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	10	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	16	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	6.0	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-15-0	<b>Carbon disulfide</b>	<b>14</b>		ug/m <sup>3</sup>	4.8	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.4	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	7.1	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	4.0	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	7.5	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	3.2	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	7.0	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	5.3	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	13	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	7.6	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 08:50	AS



## Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 19D0609-01

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:10 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	23		ug/m <sup>3</sup>	6.7	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	16	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
67-63-0	Isopropanol	15		ug/m <sup>3</sup>	7.5	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	6.3	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	5.5	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	11	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
142-82-5	n-Heptane	39		ug/m <sup>3</sup>	6.3	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
110-54-3	n-Hexane	51		ug/m <sup>3</sup>	5.4	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
95-47-6	o-Xylene	19		ug/m <sup>3</sup>	6.7	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
179601-23-1	p- & m- Xylenes	42		ug/m <sup>3</sup>	13	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
622-96-8	* p-Ethyltoluene	59		ug/m <sup>3</sup>	7.5	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
115-07-1	* Propylene	13	TO-LC S-H	ug/m <sup>3</sup>	2.6	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
100-42-5	Styrene	11		ug/m <sup>3</sup>	6.5	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
127-18-4	Tetrachloroethylene	110		ug/m <sup>3</sup>	2.6	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	9.0	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
108-88-3	Toluene	60		ug/m <sup>3</sup>	5.8	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	6.1	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	7.0	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
79-01-6	Trichloroethylene	6.6		ug/m <sup>3</sup>	2.1	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	8.6	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	5.4	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	6.7	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS



## Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 19D0609-01

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:10 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.98	15.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 08:50	AS
Surrogate Recoveries		Result		Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.8 %		70-130						

## Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 19D0609-02

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:18 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	10	14.9	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 09:51	AS
71-55-6	1,1,1-Trichloroethane	16		ug/m <sup>3</sup>	8.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	10	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	11	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	8.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	6.0	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	11	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	7.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	11	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.0	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	6.0	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS



## Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 19D0609-02

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:18 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	6.9	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	10	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	7.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	9.9	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.0	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	6.9	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.0	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	11	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
78-93-3	<b>2-Butanone</b>	<b>5.3</b>		ug/m <sup>3</sup>	4.4	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	12	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	23	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	6.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
67-64-1	<b>Acetone</b>	<b>15</b>		ug/m <sup>3</sup>	7.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	3.2	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
71-43-2	<b>Benzene</b>	<b>120</b>		ug/m <sup>3</sup>	4.8	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	7.7	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	10	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	15	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	5.8	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-15-0	<b>Carbon disulfide</b>	<b>7.0</b>		ug/m <sup>3</sup>	4.6	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	6.9	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS



## Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 19D0609-02

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:18 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	3.9	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	7.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	3.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	6.8	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
110-82-7	<b>Cyclohexane</b>	<b>5.1</b>		ug/m <sup>3</sup>	5.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	13	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	7.4	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	11	14.9	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 09:51	AS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	6.5	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	16	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
67-63-0	<b>Isopropanol</b>	<b>12</b>		ug/m <sup>3</sup>	7.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	6.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	5.4	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	10	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
142-82-5	<b>n-Heptane</b>	<b>57</b>		ug/m <sup>3</sup>	6.1	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
110-54-3	<b>n-Hexane</b>	<b>230</b>		ug/m <sup>3</sup>	5.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	6.5	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	13	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	7.3	14.9	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 09:51	AS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	2.6	14.9	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 09:51	AS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	6.3	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS



## Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 19D0609-02

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 9:18 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	<b>Tetrachloroethylene</b>	<b>820</b>		ug/m <sup>3</sup>	2.5	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	8.8	14.9	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 09:51	AS
108-88-3	<b>Toluene</b>	<b>42</b>		ug/m <sup>3</sup>	5.6	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	5.9	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	6.8	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	2.0	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	8.4	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	5.2	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	6.5	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.95	14.9	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 09:51	AS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.6 %	70-130							

## Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 19D0609-03

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.9	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>7.2</b>		ug/m <sup>3</sup>	1.5	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.9	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	2.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS



## Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 19D0609-03

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	1.5	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.27	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	2.0	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>2.0</b>		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	2.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.6	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	1.9	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	1.8	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.6	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.6	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	2.0	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
78-93-3	<b>2-Butanone</b>	<b>1.5</b>		ug/m <sup>3</sup>	0.81	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	2.2	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	4.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
67-64-1	<b>Acetone</b>	<b>9.1</b>		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	0.59	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS





## Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 19D0609-03

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	<b>Benzene</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.88	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.4	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	1.8	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	2.8	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-15-0	<b>Carbon disulfide</b>	<b>4.0</b>		ug/m <sup>3</sup>	0.85	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	0.43	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
108-90-7	<b>Chlorobenzene</b>	<b>1.5</b>		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.72	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
74-87-3	<b>Chloromethane</b>	<b>0.68</b>		ug/m <sup>3</sup>	0.57	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.27	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	1.2	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
110-82-7	<b>Cyclohexane</b>	<b>6.4</b>		ug/m <sup>3</sup>	0.94	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	2.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.4</b>		ug/m <sup>3</sup>	1.4	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	2.0	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
100-41-4	<b>Ethyl Benzene</b>	<b>2.6</b>		ug/m <sup>3</sup>	1.2	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	2.9	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
67-63-0	<b>Isopropanol</b>	<b>12</b>		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.99	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS



## Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 19D0609-03

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	2.2		ug/m <sup>3</sup>	1.9	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
142-82-5	n-Heptane	14		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
110-54-3	n-Hexane	11		ug/m <sup>3</sup>	0.97	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
95-47-6	o-Xylene	2.1		ug/m <sup>3</sup>	1.2	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
179601-23-1	p- & m- Xylenes	5.6		ug/m <sup>3</sup>	2.4	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
622-96-8	* p-Ethyltoluene	1.9		ug/m <sup>3</sup>	1.3	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.47	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	1.2	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
127-18-4	Tetrachloroethylene	81		ug/m <sup>3</sup>	0.46	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	1.6	2.74	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 15:53	AS
108-88-3	Toluene	9.0		ug/m <sup>3</sup>	1.0	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.1	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	1.2	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
79-01-6	Trichloroethylene	5.3		ug/m <sup>3</sup>	0.37	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m <sup>3</sup>	1.5	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.96	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	1.2	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.18	2.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 15:53	AS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	88.2 %	70-130							



## Sample Information

**Client Sample ID:** SV-04

**York Sample ID:** 19D0609-04

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 10:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	10	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>17</b>		ug/m <sup>3</sup>	8.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	10	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	11	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	8.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	5.9	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	11	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	7.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	11	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	8.8	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	5.9	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	6.8	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	10	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	7.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	9.7	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	8.8	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	6.8	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	8.8	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	11	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	4.3	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS



## Sample Information

**Client Sample ID:** SV-04

**York Sample ID:** 19D0609-04

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 10:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	12	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	23	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	6.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
67-64-1	<b>Acetone</b>	<b>8.0</b>		ug/m <sup>3</sup>	7.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	3.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
71-43-2	<b>Benzene</b>	<b>6.6</b>		ug/m <sup>3</sup>	4.7	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	7.6	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	9.8	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	15	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	5.7	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-15-0	<b>Carbon disulfide</b>	<b>6.8</b>		ug/m <sup>3</sup>	4.6	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.3	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	6.7	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	3.9	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	7.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	3.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.5	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	6.6	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	5.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	12	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	7.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	11	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS



## Sample Information

**Client Sample ID:** SV-04

**York Sample ID:** 19D0609-04

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 10:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	6.4	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	16	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
67-63-0	<b>Isopropanol</b>	<b>39</b>		ug/m <sup>3</sup>	7.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	6.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	5.3	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	10	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	6.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
110-54-3	<b>n-Hexane</b>	<b>7.2</b>		ug/m <sup>3</sup>	5.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	6.4	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	13	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	7.2	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	2.5	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	6.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
127-18-4	<b>Tetrachloroethylene</b>	<b>890</b>		ug/m <sup>3</sup>	2.5	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	8.6	14.65	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 12:48	AS
108-88-3	<b>Toluene</b>	<b>6.6</b>		ug/m <sup>3</sup>	5.5	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	5.8	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	6.6	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
79-01-6	<b>Trichloroethylene</b>	<b>61</b>		ug/m <sup>3</sup>	2.0	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	8.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	5.2	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	6.4	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS



## Sample Information

**Client Sample ID:** SV-04

**York Sample ID:** 19D0609-04

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 10:00 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.94	14.65	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 12:48	AS
Surrogate Recoveries		Result		Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	90.5 %		70-130						

## Sample Information

**Client Sample ID:** SV-05

**York Sample ID:** 19D0609-05

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:24 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	9.3	13.49	EPA TO-15 Certifications:	04/18/2019 12:00	04/19/2019 14:50	AS
71-55-6	1,1,1-Trichloroethane	140		ug/m <sup>3</sup>	7.4	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	9.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	10	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	7.4	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	5.5	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	10	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	6.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	10	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	8.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	5.5	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS



## Sample Information

**Client Sample ID:** SV-05

**York Sample ID:** 19D0609-05

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:24 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	6.2	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	9.4	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	6.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	9.0	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	8.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	6.2	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	8.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	9.7	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	4.0	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	11	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	21	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	5.5	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
67-64-1	<b>Acetone</b>	<b>7.4</b>		ug/m <sup>3</sup>	6.4	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	2.9	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
71-43-2	<b>Benzene</b>	<b>6.0</b>		ug/m <sup>3</sup>	4.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	7.0	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	9.0	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	14	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	5.2	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	4.2	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	6.2	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS





## Sample Information

**Client Sample ID:** SV-05

**York Sample ID:** 19D0609-05

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:24 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	3.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
67-66-3	<b>Chloroform</b>	<b>14</b>		ug/m <sup>3</sup>	6.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	2.8	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
156-59-2	<b>cis-1,2-Dichloroethylene</b>	<b>34</b>		ug/m <sup>3</sup>	1.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	6.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	4.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	11	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	6.7	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	9.7	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	5.9	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	14	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
67-63-0	<b>Isopropanol</b>	<b>52</b>		ug/m <sup>3</sup>	6.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	5.5	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	4.9	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	9.4	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
142-82-5	<b>n-Heptane</b>	<b>7.7</b>		ug/m <sup>3</sup>	5.5	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
110-54-3	<b>n-Hexane</b>	<b>14</b>		ug/m <sup>3</sup>	4.8	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	5.9	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	12	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	6.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
115-07-1	* <b>Propylene</b>	<b>13</b>	TO-LC S-H	ug/m <sup>3</sup>	2.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	5.7	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS



## Sample Information

**Client Sample ID:** SV-05

**York Sample ID:** 19D0609-05

York Project (SDG) No.  
19D0609

Client Project ID  
20 Luquer St

Matrix  
Soil Vapor

Collection Date/Time  
April 12, 2019 11:24 am

Date Received  
04/12/2019

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	3500		ug/m <sup>3</sup>	2.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
109-99-9	* Tetrahydrofuran	8.0		ug/m <sup>3</sup>	8.0	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	5.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	5.3	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	6.1	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
79-01-6	Trichloroethylene	280		ug/m <sup>3</sup>	1.8	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	7.6	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	4.7	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	5.9	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.86	13.49	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2019 12:00	04/19/2019 14:50	AS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.7 %	70-130							





## Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.

### Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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