

Identify

Evaluate

**PHASE II ENVIRONMENTAL
SITE INVESTIGATION**



**811-817 Lexington Avenue
Brooklyn, NY 11221
Block 1622; Lots 51 & 56**

Prepared by:

**ALC Environmental
121 West 27th Street, Suite 402
New York, NY 10001**

Prepared for:

**IMPACCT Brooklyn
1224 Bedford Avenue
Brooklyn, NY 11216**

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Solve

Execute

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1.0 EXECUTIVE SUMMARY

ALC Environmental (ALC) was contracted by IMPACCT Brooklyn to perform a Phase II Environmental Site Investigation (ESI) at the property located at 811-817 Lexington Avenue, Brooklyn, New York 11221 (the “Site”). The purpose of this investigation was to address recognized environmental conditions (RECs) identified at the Site, in support of the planned redevelopment activities.

1.1 Site Location and Current Usage

The Site consists of two adjacent lots comprised of a split-level 1-and 2-story vacant industrial building and an asphalt-paved parking lot, located on two adjoining rectangular-shaped parcels, approximately 0.35-acres in size. The Site is identified by the New York City (NYC) Department of Finance as Block 1622 and Lots 51 and 56.

The Site is located in the Bedford-Stuyvesant section of the NYC Borough of Brooklyn. The subject parcel is located on the northern side of Lexington Avenue, between Patchen Avenue to the east and Malcolm X Boulevard to the west. The Site Location is presented in **Figure 1**.

1.2 Description of Surrounding Properties

As per the NYC Department of City Planning, the subject property is zoned R6B: General Residence District. The general vicinity of the Site consists of multi-family residential buildings, vacant lots, a church, a soup kitchen and social services organization, and an addiction treatment center. The Site is bounded to the north by a four-story multi-family residential building, two 2-story residential buildings, and a community garden; bounded to the east by a vacant lot; bounded to the immediate south by Lexington Avenue, followed by a church identified as Calvary First Nigerian Seventh Day Adventist Church, a vacant lot, and a six-story public facility occupied by the Kingsboro Addiction Treatment Center; and bounded to the west by a 2-story public facility building occupied by St. John’s Bread & Life. No heavy manufacturing or industrial land usage was observed in the immediate proximity to the Site.

1.3 Description of Proposed Work

The proposed work consists of the new construction of one 4-story senior affordable housing residential building fronting Lexington Avenue, totaling 61 residential units. The proposed building will provide community facility space in the cellar, in addition to mechanical rooms, storage areas, a fitness center, and office space. The ground floor will consist of residential units, the residential lobby, and a recreational area. The proposed building roof will include a green roof and garden space. The proposed development will occupy approximately 41.5 percent of the footprint of the subject lots, with the remaining 58.5 percent designated for onsite parking, totaling 21 parking spaces, and associated drive lanes. The proposed foundation depth is approximately 11 feet below grade.

1.4 Prior On-site Recognized Environmental Conditions

A Phase I Environmental Site Assessment (ESA) was performed at the Site by ALC in November 2017. ALC identified the following RECs:

- No underground or aboveground storage tanks, vent pipes, fill pipes or access ways indicative of underground storage tanks were visually observed at the Subject Property during the site visit. ALC notes that at the time of the site reconnaissance, the hatch doors leading to the basement were locked and therefore, the basement level was not inspected. However, fuel oil was historically utilized at the Subject Property as a source of heat, as evidenced by a fuel oil burner application dated 1960, which was on-file with the NYC Department of Buildings

Additionally, the Subject Property is listed in the NY UST (Underground Storage Tanks) database in regards to an active 1,500-gallon No. 2 fuel oil tank. As per the database, the tank is permitted under the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage No. 2-333344, however the tank registration certificate expired on November 26, 2008. According to the database, the referenced tank was tested for tightness on June 1, 1995. There are no reported tank test failures associated with the Subject Property. Although requested, no information regarding the status and location of the referenced tank was provided by property management/ownership. The lack of information regarding the referenced 1,500-gallon No. 2 fuel oil UST constitutes a REC.

- As per the historical Fire Insurance (Sanborn) maps and city directories reviewed, the existing split level building at 811-817 Lexington Avenue has been used for various manufacturing and commercial purposes since its construction sometime between 1908 and 1924. Former identified tenants include a commercial garage (Palace Garage) which operated between at least 1928 and 1940; a trucking company (Salsberg M Trucking) identified in 1940; a laundry facility (The Sunshine Laundry) identified in 1949; and various commercial/light industrial companies (Kings Electronics Co., Mars Fudge & Fruit Co., Brandied Fruit Co.) between at least 1949 and 1997. According to the 1932 Sanborn map, a gasoline tank was present on the southern portion of the referenced commercial garage. The status of the tank is unknown, however the tank was not depicted in the 1951 through 2007 Sanborn maps. Additionally, the exact type of operations that were conducted at the referenced laundry facility could not be determined. Potential environmental hazards associated with the former commercial garage include the generation of hazardous wastes in the form of spent oils, auto fluids, and solvents. Polychlorinated biphenyls (PCB)-containing equipment may have been stored at the referenced electronics company. There are no reported releases, or known soil and/or groundwater contamination associated with the Subject Property. However, due to lack of waste disposal regulations prior to the 1970s, there is a possibility that the Subject Property subsurface was impacted by improper disposal of hazardous wastes associated with the former identified uses. Additionally, based on the likely generation of spent solvents and oils associated with said automobile maintenance operations, impacts associated with soil vapor intrusion cannot be ruled out. Therefore, the historical uses of the subject building, including the presence of a gasoline tank that was not regulated, constitute a REC.

- Lot 56 (parking lot) was previously improved with a 3-story commercial/industrial building constructed sometime between 1908 and 1924. Former identified uses of the referenced building include metal stamping operations (Harry Poppke Metal Stamping) in 1934; dyeing and finishing operations (Amer Dyeing & Finishing Co.) between at least 1940 and 1960; ribbon dyeing (AGEE Ribbon Dyers Inc.) in 1960; and a manufacturing facility (Virunit Rubber Manufacturing Co.) in 1960. Potential environmental hazards associated with the former identified uses include the generation of hazardous wastes in the form of spent oils and solvents, and wastewater contaminated with heavy metals. The former onsite building was razed sometime between 1966 and 1976 and the lot was converted into the existing asphalt-paved parking lot. However, based on the lack of hazardous waste disposal regulations prior to the 1970s, and the fact that the Subject Lot 56 has not been redeveloped, the former identified uses constitute a REC.
- According to the historical Sanborn maps and city directories reviewed, the adjacent property to the east, known as 819 Lexington Avenue, was previously occupied by auto repair facilities between at least 1928 and 1934 and between 1982 and 2007. Additionally, metal finishing facilities (COML Finishing Co. and Prime Plating Works Inc.) were identified between 1949 and 1973. As previously stated, potential environmental hazards associated with automobile repair activities include the generation of hazardous wastes in the form of spent oils, automobile fluids, and solvents. Metal finishing operations typically generate hazardous wastes in the form of spent solvents and contaminated wastewater. This former building has been razed and at the present time this site consists of a vacant lot. There are no reported releases, or known soil and/or groundwater contamination associated with this site, however based on the lack of hazardous waste regulations prior to the 1970s, there is a possibility that the Subject Property was adversely impacted by improper disposal of hazardous waste associated with the former uses of this adjacent eastern site. Additionally, based on the likely generation of spent solvents and oils associated with soil vapor migration from this site into the Subject Property cannot be ruled out. As such, the former identified uses of the adjacent eastern site constitute a REC.
- Former identified uses associated with the adjacent western property, known as 803 Lexington Avenue, include a battery service facility (Phillip Battery Service) in 1928; an automotive service facility (Baetz Automotive Service) between at least 1928 and 1932, and a metal products facility (Ranbro Wire & Metal Products Corp.) in 1960. As per the 1932 Sanborn map reviewed, a gasoline tank associated with the automotive service facility was present along the southern portion of the building. The status of this gasoline tank is unknown. Potential environmental hazards associated with the former identified uses include the generation of hazardous wastes in the form of spent oil, auto fluids, and solvents; discharged batteries which may have contained heavy metals such as lead and cadmium; and contaminated wastewaters associated with metal finishing processes. At the present time, this building is occupied by a soup kitchen and social services organization. There are no reported releases, or known soil and/or groundwater contamination associated with this site. However, due to lack of waste disposal regulations prior to the 1970s, there is a possibility that the Subject Property subsurface was impacted by improper disposal hazardous materials associated with the former referenced tenants. Additionally,

based on the likely generation of spent oils and solvents associated with said automobile repair and metal finishing operations and the fact that this site is located up-gradient of the Subject Property, impacts associated with soil vapor migrations from this site into the Subject Property cannot be ruled out. As such, the former identified uses of the adjacent western site constitute a REC.

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 DER-10.

Soil vapor sampling was performed in accordance with the 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 recognized environmental conditions identified at the Site. ALC performed the following scope of work:

- Six (6) soil borings were advanced at the Site. A total of twelve (12) soil samples were collected and submitted for chemical analysis.
- Six (6) soil vapor probes were installed. Six (6) soil vapor samples were collected and submitted for chemical analysis.
- One (1) indoor air sample was collected and submitted for chemical analysis.
- One (1) outdoor air sample was 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

The soils encountered during this investigation consisted of Historic Fill Material to a maximum depth of 7 feet below grade, underlain by native material consisting of Silty Sand. Fill material consisted mainly of brick, cinder ash, glass, and pavement material (asphalt and concrete). Groundwater was not encountered during soil boring advancement to the target depth of 13 ft bgs.

Trace petroleum-like odor and staining was observed in the 4-9.5 foot interval of soil boring SB-3. PID readings elevated to 0.5 parts per million (ppm). No elevated PID readings greater than zero (0.0) ppm were observed for the soils recovered from 0-4 ft bgs in soil boring SB-3, or for the soils recovered from soil borings SB-1 and SB-2, or SB-4 through SB-6. Soil boring locations are presented in **Figure 2**. The soil boring log report is included in **Appendix A- Boring Logs**.

On January 10, 2018, ALC utilized Core Down Drilling (CDD) to advance six (6) soil borings at the Site. Soil boring advancement was conducted utilizing a 54DT Geoprobe®. Soil samples were continuously collected at the Site in clear acetate liners via a pneumatically advanced Geoprobe 4' MacroCore® sampler, and decontaminated between samples. Each liner was then cut open and immediately screened with a properly calibrated PID.

Soil samples were collected from acetate sleeves and transferred to appropriate laboratory bottles and TerraCore sampler kits. The soil samples, with the chain of custody record, were submitted to York Analytical Laboratories, Inc. (NYS License No. 10854) for analysis of:

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

Soil Chemistry

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

Soil Sample SB-1 1-3

- Four SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene, were detected at concentrations above the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Two SVOC compounds, benzo(k)fluoranthene and chrysene, were detected at concentrations above the NYCRR Part 375 allowable limits for Residential Use SCOs, but below the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Eleven (11) SVOC compounds, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Six SVOC compounds, benzaldehyde, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, carbazole, di-n-butyl phthalate, and isophorone, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- Two metals, lead and mercury, were detected at concentrations above the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Two metals, barium and cadmium, were detected at concentrations above the NYCRR Part 375 allowable limits for Residential Use SCOs, but below the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Two metals, copper and zinc, were detected at concentrations above the NYCRR Part 375 allowable limits for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limits for Residential Use SCOs. Three metals, arsenic, manganese, and nickel, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Ten metals, aluminum, antimony, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- Four pesticide compounds, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and dieldrin, were detected at concentrations above the NYCRR Part 375 allowable limits for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limits for Residential Use SCOs. One pesticide compound, alpha-chlordane, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs. Two pesticide compounds, total chlordane, and gamma-chlordane, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- Total PCBs were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs.
- No VOCs were detected.

Soil Sample SB-1 7-9

- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Seven metals, arsenic, barium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- No VOCs, pesticides, or PCBs were detected.

Soil Sample SB-2 1-3

- Four SVOC compounds, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene, were detected at concentrations above the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Two SVOC compounds, benzo(k)fluoranthene and chrysene, were detected at concentrations above the NYCRR Part 375 allowable limits for Residential Use SCOs, but below the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Ten (10) SVOC compounds, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, phenanthrene, and pyrene, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Three SVOC compounds, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, and carbazole, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- One metal, mercury, was detected at a concentration above the NYCRR Part 375 allowable limit for Restricted Residential Use SCOs. Three metals, copper, lead, and zinc, were detected at concentrations above the NYCRR Part 375 allowable limits for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limits for Residential Use SCOs. Five metals, arsenic, barium, cadmium, manganese, and nickel, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Ten metals, aluminum, antimony, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- Two pesticide compounds, 4,4'-DDE and 4,4'-DDT, were detected at concentrations above the NYCRR Part 375 allowable limits for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limits for Residential Use SCOs.
- No VOCs or PCBs were detected.

Soil Sample SB-2 12-14

- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Six metals, barium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium,

were also detected in the soil sample however a regulatory limit has not been established for these analytes.

- No VOCs, pesticides, or PCBs were detected.

Soil Sample SB-3 1-3

- One VOC compound, methylene chloride, was detected at concentrations well below the NYCRR Part 375 allowable limit for Unrestricted Use.
- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Seven metals, arsenic, barium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- No pesticides or PCBs were detected.

Soil Sample SB-3 7.5-9.5

- One VOC compound, methylene chloride, was detected at concentrations well below the NYCRR Part 375 allowable limit for Unrestricted Use.
- Six 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 at concentrations above the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. One SVOC compound, benzo(k)fluoranthene, was detected at a concentration above the NYCRR Part 375 allowable limit for Residential Use SCOs, but below the NYCRR Part 375 allowable limit for Restricted Residential Use SCOs. Ten (10) SVOC compounds, acenaphthene, acenaphthylene, anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Three SVOC compounds, 2-methylnaphthalene, bis(2-ethylhexyl)phthalate, and carbazole, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- One metal, mercury, was detected at a concentration above the NYCRR Part 375 allowable limit for Restricted Residential Use SCOs. Three metals, copper, lead, and zinc, were detected at concentrations above the NYCRR Part 375 allowable limits for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limits for Residential Use SCOs. Five metals, arsenic, barium, cadmium, manganese, and nickel, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Ten metals, aluminum, antimony, calcium, chromium, cobalt, iron, magnesium, potassium, sodium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- Total PCBs were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Arcolor 1254 was also detected in the soil sample however, a regulatory limit has not been established for this analyte.

- No pesticides were detected.

Soil Sample SB-4 1-3

- One VOC compound, trichloroethylene (TCE), was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Thirteen (13) SVOC compounds, acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. One SVOC compound, bis(2-ethylhexyl)phthalate, was also detected in the soil sample however a regulatory limit has not been established for this analyte.
- One metal, mercury, was detected at a concentration above the NYCRR Part 375 allowable limit for Residential Use SCOs, but below the NYCRR Part 375 allowable limit for Restricted Residential Use SCOs. One metal, lead, was detected at a concentration above the NYCRR Part 375 allowable limit for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limit for Residential Use SCOs. Six metals, arsenic, barium, copper, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- No pesticides or PCBs were detected.

Soil Sample SB-4 7-9

- Two VOC compounds, acetone and methylene chloride, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. However, acetone is a common laboratory contaminant.
- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Seven metals, arsenic, barium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- No pesticides or PCBs were detected.

Soil Sample SB-5 1-3

- One VOC compound, TCE, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use.
- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- One metal, cadmium, was detected at a concentration above the NYCRR Part 375 allowable limit for Restricted Residential Use SCOs. One metal, zinc, was detected at a concentration

above the NYCRR Part 375 allowable limit for Unrestricted Use SCOs, but below the NYCRR Part 375 allowable limit for Residential Use SCOs. Six metals, arsenic, barium, copper, lead, manganese, and nickel, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.

- No pesticides or PCBs were detected.

Soil Sample SB-5 7-9

- One VOC compound, TCE, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use.
- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Eight metals, arsenic, barium, cadmium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Nine metals, aluminum, antimony, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- No pesticides, or PCBs were detected.

Soil Sample SB-6 1-3

- Two VOC compounds, tetrachloroethylene (PCE) and TCE, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs.
- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- One metal, mercury, was detected at a concentration above the NYCRR Part 375 allowable limit for Residential Use SCOs, but below the NYCRR Part 375 allowable limit for Restricted Residential Use SCOs. Seven metals, arsenic, barium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.
- No pesticides or PCBs were detected.

Soil Sample SB-6 8-10

- One SVOC compound, pyrene, was detected at a concentration below the NYCRR Part 375 allowable limit for Unrestricted Use SCOs.
- Seven metals, arsenic, barium, copper, lead, manganese, nickel, and zinc, were detected at concentrations below the NYCRR Part 375 allowable limits for Unrestricted Use SCOs. Eight metals, aluminum, calcium, chromium, cobalt, iron, magnesium, potassium, and vanadium, were also detected in the soil sample however a regulatory limit has not been established for these analytes.

- No VOCs, pesticides or PCBs were detected.

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

2.2 Soil Vapor Investigation

The soil vapor investigation was performed on January 10, 2018. CDD utilized the Geoprobe® direct push drilling machine to install six (6) soil vapor probes at the Site. Soil vapor implants SV-01, SV-02, SV-04, and SV-05 were set at a depth of 12 feet below site grade. Soil vapor implants SV-03 and SV-0 were set at a depth of 11 feet and 8 feet below site grade, respectively, where refusal was encountered. The soil vapor implants were surrounded with clean silica sand and plugged with a bentonite slurry to prevent cross communication with the atmosphere. Six (6) soil vapor samples (SV-01 through SV-06) were collected for chemical analysis using 6-Liter SUMMA canisters equipped with 4-hour regulators.

One (1) indoor air quality (IAQ) sample, designated as IA-01, was collected from within the subject building, placed between soil vapor points SV-03 and SV-04. The IAQ sample was collected using a 6-Liter SUMMA canister equipped with a 4-hour regulator.

One (1) outdoor air quality (OAQ) sample, designated as OA-01, was collected from the Site as a control sample for comparison of existing ambient air conditions. The OAQ sample was placed in the parking lot using a 6-Liter SUMMA canister equipped with a 4-hour regulator.

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, with the chain of custody record, were submitted to York Analytical Laboratories, Inc. (NYS License No. 10854), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory.

The NYSDOH has issued indoor air standards for certain chlorinated volatile organic compounds (CVOCs), including tetrachloroethylene¹ (PCE), trichloroethylene² (TCE), and methylene chloride. In addition, the NYSDOH has issued three matrices³ for decision-making and has assigned a total of eight CVOCs (carbon tetrachloride, 1,1-dichloroethene (11-DCE), cis-1,2-

¹ 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/m³ to 30 ug/m³.

² 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/m³ to 2 ug/m³.

³ 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.

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 (µg/m ³)	SV-01	SV-02	SV-03	SV-04	SV-05	SV-06	IA-01	OA-01
Methylene chloride (also referred to as dichloromethane)	60	2.8	ND	2.2	1.3	2.7	1.6	ND	0.41
Tetrachloroethylene (PCE)	30	15	450	380	11	150	72	0.36	0.58
Trichloroethylene (TCE)	2	44	970	1,000	28	4,800	520	0.29	0.086

ND-None Detected

- Vinyl chloride was not detected in any of the soil vapor samples collected at the Site.
- 111-TCA was detected in soil vapor samples SV-02 and SV-03. As per the NYSDOH decision Matrix B, no further action is recommended for 111-TCA soil vapor concentrations less than 100 micrograms per cubic meter (ug/m³), coupled with indoor air concentrations less than 3 ug/m³.
- 11-DCE was detected in soil vapor samples SV-05 and SV-06. As per the NYSDOH decision Matrix A, no further action is recommended for 11-DCE soil vapor concentrations less than 6 ug/m³, coupled with indoor air concentrations less than 0.2 ug/m³.
- Carbon tetrachloride was detected in soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the indoor air concentration. This factor indicates that the concentration detected in indoor air can be attributed to vapor encroachment. However, as per the NYSDOH decision Matrix A, no further action is recommended for carbon tetrachloride soil vapor concentrations less than 6 ug/m³, coupled with indoor air concentrations greater than 0.2 ug/m³ but less than 1 ug/m³.
- c12-DCE was detected in soil vapor samples SV-02 through SV-06. As per the NYSDOH decision Matrix A, no further action is recommended for c12-DCE soil vapor concentrations less than 6 ug/m³, coupled with indoor air concentrations less than 0.2 ug/m³.
- Methylene chloride was detected in soil vapor samples SV-01, SV-03 through SV-06, and in the outdoor air sample OA-01. Concentrations of methylene chloride detected were less than the NYSDOH air guidance value of 60 µg/m³. As per the NYSDOH decision Matrix B, no

further action is recommended for methylene chloride soil vapor concentrations less than 100 ug/m³, coupled with indoor air concentrations less than 3 ug/m³.

- PCE was detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. PCE detected in soil vapor samples SV-02, SV-03, SV-05, and SV-06, were greater than the NYSDOH air guidance value of 30 ug/m³. Soil vapor concentrations detected were greater than the indoor air concentration. This factor indicates that the concentration detected in indoor air can be attributed to vapor encroachment. However, as per the NYSDOH decision Matrix B, no further action is recommended for PCE soil vapor concentrations greater than 100 ug/m³ but less than 1,000 ug/m³, coupled with indoor air concentrations less than 3 ug/m³.
- TCE was detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. TCE detected in soil vapor samples SV-01 through SV-06, were greater than the NYSDOH air guidance value of 2 ug/m³. Soil vapor concentrations detected were greater than the indoor air concentration. This factor indicates that the concentration detected in indoor air can be attributed to vapor encroachment. Per the NYSDOH decision Matrix A, mitigation is recommended for TCE soil vapor concentrations greater than 60 ug/m³, coupled with indoor air concentrations greater than 0.2 ug/m³ but less than 1 ug/m³.
- 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) was detected in the outdoor air sample only.
- 4-Methyl-2-pentanone was detected in the indoor air sample only. This factor indicates that the concentration detected indoor air cannot be attributed to vapor encroachment.
- Dibromochloromethane and trans-1,2-dichloroethylene were detected in soil vapor sample SV-05.
- 1,3-Butadiene was detected in soil vapor samples SV-01, SV-03, SV-05, and SV-06.
- 1,2-Dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-hexanone, and chloroform, were detected in soil vapor samples SV-01, SV-02, SV-03, SV-05, and SV-06.
- Carbon disulfide, chlorobenzene, were detected in all six soil vapor samples.
- Ethyl acetate was detected in soil vapor samples SV-01, SV-02, SV-03, SV-05, and SV-06, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the outdoor air sample.

- Isopropanol was detected in soil vapor samples SV-01, SV-02, SV-04, SV-05, and SV-06, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the outdoor air sample.
- Tetrahydrofuran was detected in soil vapor samples SV-01, SV-03, SV-04, SV-05, and SV-06, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the outdoor air sample.
- Chloromethane was detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the indoor air sample. However, the concentration detected in soil vapor sample SV-03 was less than the indoor air sample. These factors indicate that the concentrations detected in indoor air can be attributed to vapor encroachment.
- Dichlorodifluoromethane was detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. Soil vapor concentrations detected in soil vapor samples SV-01 and SV-06 were greater than the indoor air and outdoor air samples. Soil vapor concentrations detected in soil vapor sample SV-02 was greater than the indoor air sample and equal to the outdoor air sample. Soil vapor concentrations detected in soil vapor samples SV-04 and SV-05 were greater than the indoor air sample but less than the outdoor air sample. Soil vapor concentrations detected in soil vapor sample SV-03 was equal to the indoor air sample and less than the outdoor air sample. These factors indicate that the concentrations detected in indoor air can be attributed to vapor encroachment.
- Trichlorofluoromethane (Freon 11) was detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the indoor air sample. However, the concentration detected in soil vapor sample SV-03 was equal to the indoor air sample. These factors indicate that the concentrations detected in indoor air can be attributed to vapor encroachment.
- 1,2,4-Trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, ethyl benzene, n-hexane, o-xylene, and p-ethyltoluene, were detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the indoor air sample. However, the concentrations detected in the indoor air sample were less than concentrations detected in the outdoor air sample. These factors indicate that the concentrations detected in indoor air can be attributed to vapor encroachment.
- Styrene was detected in soil vapor sample SV-06, and the indoor air sample IA-01. The soil vapor concentration detected was greater than the indoor air sample. This factor indicates that the concentration detected in indoor air can be attributed to vapor encroachment.

- Acetone, benzene, cyclohexane, n-heptane, p-&m-xylenes, propylene, and toluene, were detected in all six soil vapor samples SV-01 through SV-06, the indoor air sample IA-01, and the outdoor air sample OA-01. Soil vapor concentrations detected were greater than the indoor air sample. These factors indicate that the concentrations detected in indoor air can be attributed to vapor encroachment.

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

3.0 CONCLUSIONS AND RECOMMENDATIONS

The objective of this ESI was to determine the presence of subsurface contamination at the Site associated with identified RECs. This was accomplished through a site visit, soil testing, 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.

- Four (4) VOC compounds, acetone, methylene chloride, PCE, and TCE, were detected in the soil samples collected at the Site. Detected compounds were below their respective NYCRR Part 375 allowable limits for Unrestricted Use SCOs. However, ALC notes that acetone is a common laboratory contaminant.
- Twenty-four (24) SVOC compounds were detected in the soil samples collected at the Site. Seven (7) compounds, 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 above the NYCRR Part 375 allowable limits for Residential Use SCOs, with benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, exceeding the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs. Exceedences were detected primarily in the surface soil samples collected from the Site.
- Nineteen (19) metals were detected in the soil samples collected at the Site. Six (6) metals, barium, cadmium, copper, lead, mercury, and zinc, were detected above the NYCRR Part 375 allowable limits for Unrestricted Use, with barium exceeding the NYCRR Part 375 allowable limit for Residential Use SCOs, and with cadmium, lead, and mercury, exceeding the NYCRR Part 375 allowable limits for Restricted Residential Use SCOs.
- Seven (7) pesticide compounds were detected in the soil samples collected at the Site. Four (4) compounds, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and dieldrin, were detected above the NYCRR Part 375 allowable limits for Unrestricted Use.
- Total PCBs and aroclor 1254 were detected in the soil samples collected at the Site. However detected compounds were below the NYCRR Part 375 allowable limits for Unrestricted Use.

Trace olfactory and visual evidence of contamination was observed in the 4-9.5 foot interval of soil boring SB-3. PID readings elevated to 0.5 ppm. No olfactory or visual evidence, or elevated PID readings were observed in the soils recovered from soil borings SB-1, SV-2, and SV-4 through SB-6.

Soil Vapor Investigation

- Vinyl chloride was not detected in any of the soil vapor samples collected at the Site.
- 111-TCA was detected in soil vapor only. As per the NYSDOH decision Matrix B, no further action is recommended for 111-TCA soil vapor concentrations less than 100 micrograms per cubic meter (ug/m^3), coupled with indoor air concentrations less than $3 \text{ ug}/\text{m}^3$.
- 11-DCE was detected in soil vapor only. As per the NYSDOH decision Matrix A, no further action is recommended for 11-DCE soil vapor concentrations less than $6 \text{ ug}/\text{m}^3$, coupled with indoor air concentrations less than $0.2 \text{ ug}/\text{m}^3$.
- Carbon tetrachloride was detected in soil vapor and in the air quality samples. Based on a review of the relative concentrations of compounds in indoor air and outdoor air, compared to soil vapor levels, the concentration of carbon tetrachloride detected in indoor air can be attributed to vapor encroachment. However, as per the NYSDOH decision Matrix A, no further action is recommended for carbon tetrachloride soil vapor concentrations less than $6 \text{ ug}/\text{m}^3$, coupled with indoor air concentrations greater than $0.2 \text{ ug}/\text{m}^3$ but less than $1 \text{ ug}/\text{m}^3$.
- c12-DCE was detected in soil vapor only. As per the NYSDOH decision Matrix A, no further action is recommended for c12-DCE soil vapor concentrations less than $6 \text{ ug}/\text{m}^3$, coupled with indoor air concentrations less than $0.2 \text{ ug}/\text{m}^3$.
- Methylene chloride was detected in soil vapor and in the outdoor air quality sample. Concentrations of methylene chloride detected were less than the NYSDOH air guidance value of $60 \text{ ug}/\text{m}^3$. As per the NYSDOH decision Matrix B, no further action is recommended for methylene chloride soil vapor concentrations less than $100 \text{ ug}/\text{m}^3$, coupled with indoor air concentrations less than $3 \text{ ug}/\text{m}^3$.
- PCE was detected in all six soil vapor samples and in the air quality samples. PCE detected in soil vapor samples SV-02, SV-03, SV-05, and SV-06, were greater than the NYSDOH air guidance value of $30 \text{ ug}/\text{m}^3$. Based on a review of the relative concentrations of compounds in indoor air and outdoor air, compared to soil vapor levels, the concentration of PCE detected in indoor air can be attributed to vapor encroachment. However, as per the NYSDOH decision Matrix B, no further action is recommended for PCE soil vapor concentrations greater than $100 \text{ ug}/\text{m}^3$ but less than $1,000 \text{ ug}/\text{m}^3$, coupled with indoor air concentrations less than $3 \text{ ug}/\text{m}^3$.
- TCE was detected in all six soil vapor samples and in the air quality samples. TCE detected in soil vapor samples were greater than the NYSDOH air guidance value of $2 \text{ ug}/\text{m}^3$. Based on a review of the relative concentrations of compounds in indoor air and outdoor air, compared to soil vapor levels, the concentration of TCE detected in indoor air can be attributed to vapor encroachment. Per the NYSDOH decision Matrix A, mitigation is recommended for

TCE soil vapor concentrations greater than 60 ug/m³, coupled with indoor air concentrations greater than 0.2 ug/m³ but less than 1 ug/m³.

- 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) and 4-Methyl-2-pentanone were detected only in the air quality samples.
- 1,2-Dichlorobenzene, 1,3-butadiene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-hexanone, carbon disulfide, chlorobenzene, chloroform, dibromochloromethane, and trans-1,2-dichloroethylene, were detected only in soil vapor.
- Ethyl acetate, isopropanol, and tetrahydrofuran, were detected in soil vapor samples and the outdoor air sample. Soil vapor concentrations detected were greater than the outdoor air sample and can potentially pose a soil vapor encroachment risk.
- Eighteen (18) VOCs compounds were also detected in the soil vapor samples collected from the Site, at low to moderate levels. Based on review of the relative concentrations of compounds in indoor and outdoor air, compared to soil vapor levels, the concentrations of 1,2,4-Trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, acetone, benzene, chloromethane, cyclohexane, dichlorodifluoromethane, ethyl benzene, n-heptane, n-hexane, o-xylene, p-&m-xylenes, p-ethyltoluene, propylene, styrene, toluene, and trichlorofluoromethane (Freon 11), detected in indoor air can be attributed to vapor encroachment. However, ALC notes that acetone is a common laboratory contaminant.

3.2 Recommendations

The analytical results of the soil and soil vapor sampling performed revealed environmental impacts in the onsite subsurface soil and soil vapor. The presence of VOCs, SVOCs, metals, and pesticides, detected in soil throughout the Site, are likely impacted by historic urban fill, and historical industrial uses of the Site and surrounding properties. Additionally, several VOC compounds typically associated with petroleum-based and chlorinated solvent products detected in the soil vapor samples, indicates that the Site was likely impacted by and historical industrial uses of the Site and surrounding properties.

Contaminated soil in the footprint of the proposed building will be excavated during the redevelopment stages of this project. Contaminated soil encountered at hot spot locations SB-2 and SB-5, located in the proposed parking lot and associated drive lanes, should be excavated to a minimum depth of 3 feet below grade prior to any pavement activities proposed for the referenced areas. A Soil Management Plan should be developed to address the removal and disposal of contaminated soil during construction of the proposed building and planned parking lot.

Based on the NYSDOH guidelines and analytical results, the presence of several VOC compounds at low to elevated levels in the soil vapor present the risk of vapor intrusion on the occupants of the proposed building. Per the NYSDOH decisions Matrix A, mitigation of TCE

concentrations is recommended. The most common mitigation measures, include sealing preferential pathways in conjunction with installation of a sub-slab depressurization system (SSDS), and changing the pressurization of the proposed building in conjunction with monitoring.

Due to the presence of several VOCs at elevated levels, and the potential for vapor encroachment, ALC recommends sealing the floor of the proposed building in conjunction with installation of a SSDS, and a vapor barrier membrane, to limit potential vapor intrusion on the occupants of the proposed building. Floor sealing includes using non-VOC caulk or foam in slab cracks, cuts or utility entries, followed by applying a layer of epoxy to the proposed building floor. 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.



811-817 Lexington Avenue, Brooklyn, NY 11221
 NYC OASIS

Figure 1
Site Location Map



SD-08 FLOOR PLAN - GROUND FLOOR

- Soil Boring
- ▲ Soil Vapor Implant/Ambient Air Sample

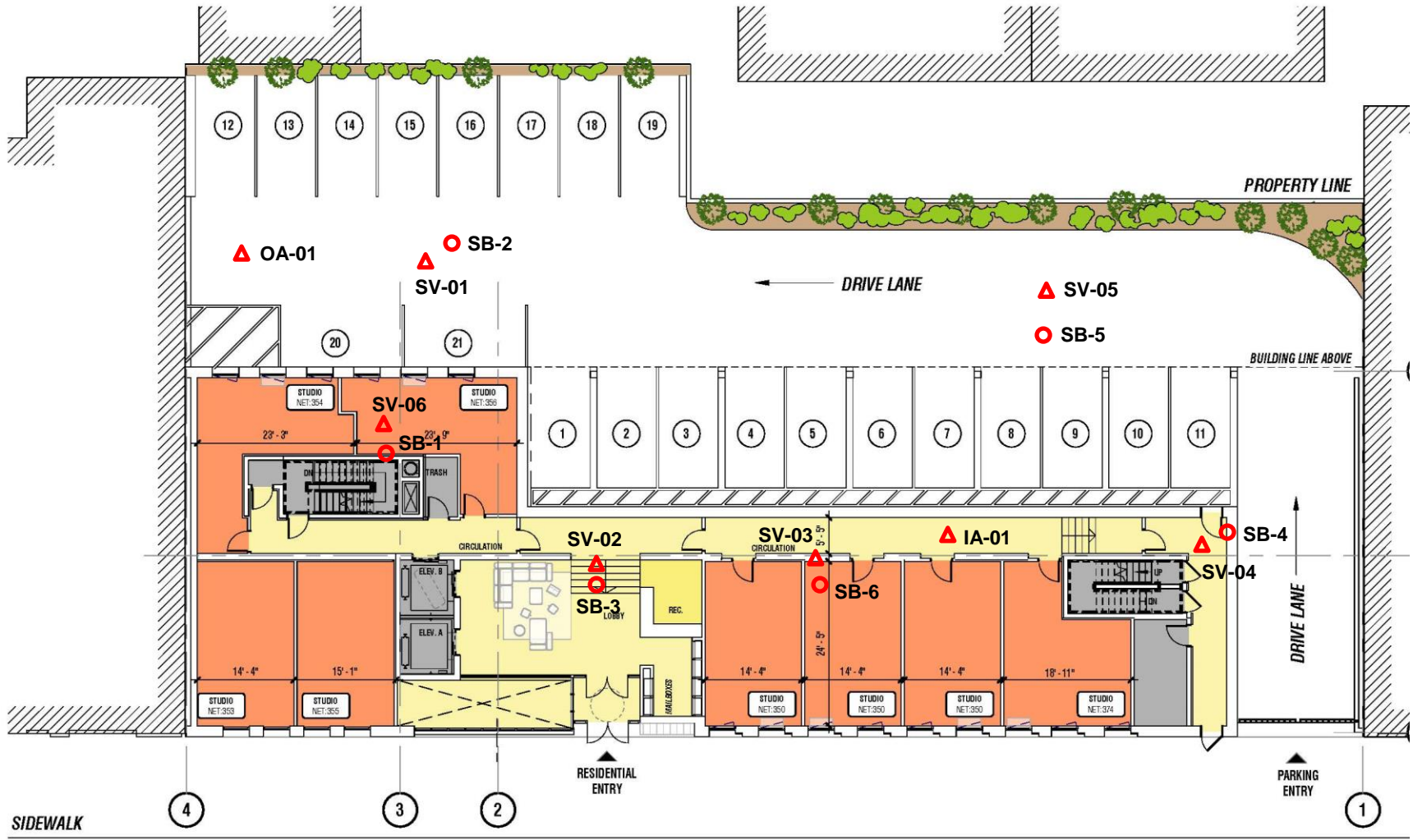


Figure 2
Sampling Location
Map

TABLES

Summary of Analytical Data

Table 1
 Summary of Soil Analytical Data
 811-817 Lexington Avenue
 Brooklyn, NY 11221

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs- Residential	NYSDEC Part 375 Restricted Use SCOs -Restricted Residential	SB-1 1'-3' 1/10/2018 Soil	SB-1 7'-9' 1/10/2018 Soil	SB-2 1'-3' 1/10/2018 Soil	SB-2 12'-14' 1/10/2018 Soil	SB-3 1'-3' 1/10/2018 Soil	SB-3 7.5'-9.5' 1/10/2018 Soil	SB-4 1'-3' 1/10/2018 Soil	SB-4 7'-9' 1/10/2018 Soil	SB-5 1'-3' 1/10/2018 Soil	SB-5 7'-9' 1/10/2018 Soil	SB-6 1'-3' 1/10/2018 Soil	SB-6 8'-10' 1/10/2018 Soil
Compound	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	mg/Kg	mg/Kg
Volatile Organics, 8260 - Comprehensive															
n-Propylbenzene	3.9	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	~	~	~	ND	ND	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	ND	ND
Tetrachloroethylene	1.3	5.5	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00290	ND
Toluene	0.7	100	100	ND	ND	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	ND	ND
trans-1,3-Dichloropropylene	~	~	~	ND	ND	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	ND	ND
Trichloroethylene	0.47	10	21	ND	ND	ND	ND	ND	ND	0.00490	ND	0.0210	0.0540	0.00490	ND
Trichlorofluoromethane	~	~	~	ND	ND	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	ND	ND
Xylenes, Total	0.26	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

NYSDEC - New York State Department of Environmental Conservation

SCOs - Soil Cleanup Objectives

mg/Kg - milligrams per kilogram

~ - this indicates that no regulatory limit has been established for this analyte

ND - analyte not detected at or above the reporting level

Highlighted results exceed regulatory limits

Table 1
Summary of Soil Analytical Data
811-817 Lexington Avenue
Brooklyn, NY 11221

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs- Residential	NYSDEC Part 375 Restricted Use SCOs -Restricted Residential	SB-1 1'-3' 1/10/2018 Soil	SB-1 7'-9' 1/10/2018 Soil	SB-2 1'-3' 1/10/2018 Soil	SB-2 12'-14' 1/10/2018 Soil	SB-3 1'-3' 1/10/2018 Soil	SB-3 7.5'-9.5' 1/10/2018 Soil	SB-4 1'-3' 1/10/2018 Soil	SB-4 7'-9' 1/10/2018 Soil	SB-5 1'-3' 1/10/2018 Soil	SB-5 7'-9' 1/10/2018 Soil	SB-6 1'-3' 1/10/2018 Soil	SB-6 8'-10' 1/10/2018 Soil
Compound	Use SCOs	Residential	Residential	Result	Result	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	mg/Kg	mg/Kg
Bis(2-ethylhexyl)phthalate	~	~	~	7.100	ND	0.364	ND	ND	1.930	0.121	ND	ND	ND	ND	ND
Caprolactam	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	~	~	~	0.443	ND	0.292	ND	ND	0.276	ND	ND	ND	ND	ND	ND
Chrysene	1	1	3.9	3.550	ND	2.360	ND	ND	4.230	0.176	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.260	ND	0.242	ND	ND	0.726	ND	ND	ND	ND	ND	ND
Dibenzofuran	7	14	59	0.104	ND	0.0878	ND	ND	0.241	ND	ND	ND	ND	ND	ND
Diethyl phthalate	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	~	~	~	0.730	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	100	5.920	ND	4.480	ND	ND	7.830	0.498	ND	ND	ND	ND	ND
Fluorene	30	100	100	0.210	ND	0.165	ND	ND	0.558	0.0955	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	0.33	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	0.688	ND	0.564	ND	ND	2.490	0.0607	ND	ND	ND	ND	ND
Isophorone	~	~	~	0.111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	100	0.0526	ND	ND	ND	ND	0.0655	ND	ND	ND	ND	ND	ND
Nitrobenzene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	~	~	~	ND	ND	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	ND	ND
N-Nitrosodiphenylamine	~	~	~	ND	ND	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	ND	ND
Phenanthrene	100	100	100	3.010	ND	2.410	ND	ND	7.700	0.565	ND	ND	ND	ND	ND
Phenol	0.33	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	100	100	100	6.590	0.0458	5.120	0.0435	0.0456	9	0.472	0.0458	0.0470	0.0539	0.0464	0.0444

NOTES:

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 Brooklyn, NY 11221

Sample ID	NYSDEC Part 375	NYSDEC Part 375 Restricted Use	NYSDEC Part 375 Restricted Use	SB-1 1'-3' 1/10/2018	SB-1 7'-9' 1/10/2018	SB-2 1'-3' 1/10/2018	SB-2 12'-14' 1/10/2018	SB-3 1'-3' 1/10/2018	SB-3 7.5'-9.5' 1/10/2018	SB-4 1'-3' 1/10/2018	SB-4 7'-9' 1/10/2018	SB-5 1'-3' 1/10/2018	SB-5 7'-9' 1/10/2018	SB-6 1'-3' 1/10/2018	SB-6 8'-10' 1/10/2018
Sampling Date	Unrestricted	Use SCOs- Residential	SCOs -Restricted Residential	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Client Matrix	Use SCOs	Residential	Residential	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Compound	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	mg/Kg	mg/Kg
Metals, Target Analyte	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	mg/Kg	mg/Kg
Aluminum	~	~	~	7,800	6,830	7,420	3,360	6,190	7,860	9,340	10,500	8,030	15,900	8,910	6,080
Antimony	~	~	~	1.530	ND	0.762	ND	ND	0.596	ND	ND	ND	1.190	ND	ND
Arsenic	13	16	16	6.450	1.340	4.840	ND	1.230	5.350	3.210	1.570	2.370	3.390	2.080	2.090
Barium	350	350	400	392	34,800	174	29.100	43.700	141	87.500	45.700	40.700	105	56.700	50.700
Beryllium	7.2	14	72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	2.5	4.3	3.010	ND	0.824	ND	ND	1.140	ND	ND	10.200	0.468	ND	ND
Calcium	~	~	~	22,500	832	18,300	713	499	45,000	951	709	530	1,340	1,150	1,030
Chromium	~	~	~	20.800	18.300	14.900	7.510	15.200	12.500	14.400	27.400	12.800	50.500	10.600	16.600
Cobalt	~	~	~	5.530	7.550	6.530	4.420	7.140	5.030	3.930	8.790	3.900	14.100	4.270	7.640
Copper	50	270	270	269	17.500	92.300	10.100	17.700	178	36.900	18.100	49.100	30.400	6.880	16
Iron	~	~	~	16,400	21,800	16,100	12,600	22,700	14,600	14,800	27,600	10,900	34,300	9,770	20,700
Lead	63	400	400	550	6.190	170	2.970	4.820	147	185	5.130	26.300	8.400	21.700	5.330
Magnesium	~	~	~	2,940	1,640	3,250	1,330	1,770	4,510	1,490	4,730	1,230	5,250	1,280	1,570
Manganese	1600	2000	2000	321	421	317	337	317	356	98.800	628	125	416	403	500
Nickel	30	140	310	20.200	7.270	11.900	4.830	4.250	11.500	7.380	7.640	7.240	15.600	7.080	6.190
Potassium	~	~	~	648	933	827	497	924	784	505	1,720	429	2,550	455	1,190
Selenium	3.9	36	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	36	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	~	~	~	523	ND	226	ND	ND	439	ND	ND	ND	ND	ND	ND
Thallium	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	~	~	~	29.700	29	23	13.800	27.400	26.200	20.600	41.700	16.500	52.200	14	25.100
Zinc	109	2200	10000	490	28.300	233	20.200	29	178	46.800	33.100	133	61.200	18.300	24.900
Mercury by 7473	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	mg/Kg	mg/Kg
Mercury	0.18	0.81	0.81	7.410	ND	4.060	ND	ND	13	0.492	ND	ND	ND	0.289	ND

NOTES:

NYSDEC - New York State Department of Environmental Conservation

SCOs - Soil Cleanup Objectives

mg/Kg - milligrams per kilogram

~ - this indicates that no regulatory limit has been established for this analyte

ND - analyte not detected at or above the reporting level

Highlighted results exceed regulatory limits

Table 1
Summary of Soil Analytical Data
811-817 Lexington Avenue
Brooklyn, NY 11221

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs- Residential	NYSDEC Part 375 Restricted Use SCOs -Restricted Residential	SB-1 1'-3' 1/10/2018 Soil	SB-1 7'-9' 1/10/2018 Soil	SB-2 1'-3' 1/10/2018 Soil	SB-2 12'-14' 1/10/2018 Soil	SB-3 1'-3' 1/10/2018 Soil	SB-3 7.5'-9.5' 1/10/2018 Soil	SB-4 1'-3' 1/10/2018 Soil	SB-4 7'-9' 1/10/2018 Soil	SB-5 1'-3' 1/10/2018 Soil	SB-5 7'-9' 1/10/2018 Soil	SB-6 1'-3' 1/10/2018 Soil	SB-6 8'-10' 1/10/2018 Soil
Compound	Use SCOs	Residential	Residential	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
	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	mg/Kg	mg/Kg
Pesticides, 8081 target list															
4,4'-DDD	0.0033	2.6	13	0.0165	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.0033	1.8	8.9	0.0120	ND	0.00432	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.0033	1.7	7.9	0.0228	ND	0.00861	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	0.005	0.019	0.097	ND	ND	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	ND	ND
alpha-Chlordane	0.094	0.91	4.2	0.0100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	0.072	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane, total	~	~	~	0.0649	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.005	0.039	0.2	0.0104	ND	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	ND	ND
Endosulfan II	2.4	4.8	24	ND	ND	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	ND	ND
Endrin	0.014	2.2	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	~	~	~	ND	ND	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	ND	ND
gamma-Chlordane	~	~	~	0.0140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.042	0.42	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls (PCB)	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	mg/Kg	mg/Kg
Aroclor 1016	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	~	~	~	ND	ND	ND	ND	ND	0.0455	ND	ND	ND	ND	ND	ND
Aroclor 1260	~	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1	1	0.0519	ND	ND	ND	ND	0.0455	ND	ND	ND	ND	ND	ND

NOTES:

NYSDEC - New York State Department of Environmental Conservation

SCOs - Soil Cleanup Objectives

mg/Kg - milligrams per kilogram

~ - this indicates that no regulatory limit has been established for this analyte

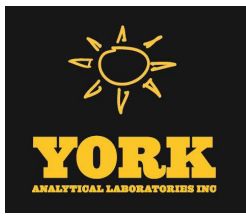
ND - analyte not detected at or above the reporting level

Highlighted results exceed regulatory limits

Appendix A
Soil Boring Log

811-817 Lexington Avenue - Brooklyn, NY Phase II Soil Boring Logs					
Date	Sample ID	Depth (ft bgs)	Description	PID Reading (ppm)	Notes
1/10/2018	SB-01	0' - 0.5'	5 inches of ASPHALT and ASPHALT BASE,	0.0	Refusal at 9' ft bgs
		0.5' -2.3'	Dark brown m-f SAND, some Silt, little Fill material (Brick, Asphalt, Glass, and Cinder Ash)	0.0	
		2.3' -4'	Brown c-f SAND, some Silt, little Fill material (Brick and Concrete)	0.0	
		4' -8'	Brown m-f SAND, some Silt, little Cobble	0.0	
		8' - 9'	Brown m-f SAND, little Silt, trace coarse Gravel	0.0	
1/10/2018	SB-02	0' - 0.5'	5 inches of ASPHALT and ASPHALT BASE,	0.0	
		0.5' -4'	Brown m-f SAND, some c-f Gravel, little Fill material (Brick and Cinder Ash), trace Silt	0.0	
		4' -12'	Brown m-f SAND, some Silt, trace Gravel	0.0	
		12' - 14'	Brown c-f SAND, little Silt, trace Brick	0.0	
1/10/2018	SB-03	0' - 0.5'	5 inches of ASPHALT and ASPHALT BASE,	0.0	Refusal at 9.5' ft bgs
		0.5' -4'	Brown c-f SAND, some Fill material (Brick, Cinder Ash, and Wood), little c- f Gravel, trace Silt	0.0	
		4' - 9.5'	Brown m-f SAND, some Silt, little coarse Gravel, trace petroleum-like staining	0.5	
1/10/2018	SB-04	0' - 1.2'	Brown c-f SAND, little Fill material (Brick and Cinder Ash), trace Silt	0.0	Refusal at 9' ft bgs
		1.2' -8.5'	Brown m-f SAND, some Silt	0.0	
		8.5' - 9'	Brown m-f SAND, some Silt, little coarse Gravel	0.0	
1/10/2018	SB-05	0' - 1'	Brown c-f SAND and CINDER ASH, trace Silt	0.0	Refusal at 9' ft bgs
		1' - 4'	Brown m-f SAND and SILT	0.0	
		4' -8'	Brown SILT, little fine Sand	0.0	
		8' - 9'	Gray coarse GRAVEL, little c-f Sand, trace Silt	0.0	
1/10/2018	SB-06	0' - 4'	Brown m-f SAND, some Silt, little coarse Gravel, trace Cinder Ash	0.0	Lens of Brick at 7' bgs Refusal at 10' ft bgs
		4' -8'	Brown m-f SAND and SILT, little c-f Gravel, lens of brick	0.0	
		8' - 10'	Brown c-f SAND, some Silt, little c-f Gravel	0.0	

ft bgs - feet below ground surface
ppm - parts per million



Technical Report

prepared for:

ALC Environmental, Inc.
121 West 27th St., 402
New York NY, 10001
Attention: Cheryl Benmergui

Report Date: 01/18/2018
Client Project ID: 811-817 Lexington Ave
York Project (SDG) No.: 18A0266

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

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/18/2018
Client Project ID: 811-817 Lexington Ave
York Project (SDG) No.: 18A0266

ALC Environmental, Inc.
121 West 27th St., 402
New York NY, 10001
Attention: Cheryl Benmergui

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 January 10, 2018 and listed below. The project was identified as your project: **811-817 Lexington Ave.**

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>
18A0266-01	SB-1 1'-3'	Soil	01/10/2018	01/10/2018
18A0266-02	SB-1 7'-9'	Soil	01/10/2018	01/10/2018
18A0266-03	SB-2 1'-3'	Soil	01/10/2018	01/10/2018
18A0266-04	SB-2 12'-14'	Soil	01/10/2018	01/10/2018
18A0266-05	SB-3 1'-3'	Soil	01/10/2018	01/10/2018
18A0266-06	SB-3 7.5'-9.5'	Soil	01/10/2018	01/10/2018
18A0266-07	SB-4 1'-3'	Soil	01/10/2018	01/10/2018
18A0266-08	SB-4 7'-9'	Soil	01/10/2018	01/10/2018
18A0266-09	SB-5 1'-3'	Soil	01/10/2018	01/10/2018
18A0266-10	SB-5 7'-9'	Soil	01/10/2018	01/10/2018
18A0266-11	SB-6 1'-3'	Soil	01/10/2018	01/10/2018
18A0266-12	SB-6 8'-10'	Soil	01/10/2018	01/10/2018

General Notes for York Project (SDG) No.: 18A0266

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: 01/18/2018





Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0266	811-817 Lexington Ave	Soil	January 10, 2018 12:35 pm	01/10/2018

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	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 02:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 02:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	250	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
78-93-3	2-Butanone	ND		ug/kg dry	3.1	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
67-64-1	Acetone	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
107-02-8	Acrolein	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
100-42-5	Styrene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
108-88-3	Toluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 02:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:16	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.4	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 02:16	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: Toluene-d8	98.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	108 %			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	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
83-32-9	Acenaphthene	232		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
208-96-8	Acenaphthylene	269		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
98-86-2	Acetophenone	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
62-53-3	Aniline	ND		ug/kg dry	203	405	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
120-12-7	Anthracene	759		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
1912-24-9	Atrazine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
100-52-7	Benzaldehyde	101	CCV-E	ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
92-87-5	Benzidine	ND		ug/kg dry	203	405	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
56-55-3	Benzo(a)anthracene	3130		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
50-32-8	Benzo(a)pyrene	1810		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
205-99-2	Benzo(b)fluoranthene	2470		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
191-24-2	Benzo(g,h,i)perylene	590		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
207-08-9	Benzo(k)fluoranthene	1520		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
65-85-0	Benzoic acid	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
85-68-7	Benzyl butyl phthalate	3670		ug/kg dry	127	253	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 21:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
117-81-7	Bis(2-ethylhexyl)phthalate	7100		ug/kg dry	127	253	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 21:23	SR
105-60-2	Caprolactam	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
86-74-8	Carbazole	443		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
218-01-9	Chrysene	3550		ug/kg dry	127	253	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 21:23	SR
53-70-3	Dibenzo(a,h)anthracene	260		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
132-64-9	Dibenzofuran	104		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
84-74-2	Di-n-butyl phthalate	730		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
206-44-0	Fluoranthene	5920		ug/kg dry	127	253	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 21:23	SR
86-73-7	Fluorene	210		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
193-39-5	Indeno(1,2,3-cd)pyrene	688		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
78-59-1	Isophorone	111		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
91-20-3	Naphthalene	52.6	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
85-01-8	Phenanthrene	3010		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
108-95-2	Phenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:50	SR
129-00-0	Pyrene	6590		ug/kg dry	127	253	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 21:23	SR
	Surrogate Recoveries	Result						Acceptance Range			
367-12-4	Surrogate: 2-Fluorophenol	86.4 %						20-108			
4165-62-2	Surrogate: Phenol-d5	83.1 %						23-114			
4165-60-0	Surrogate: Nitrobenzene-d5	87.1 %						22-108			
321-60-8	Surrogate: 2-Fluorobiphenyl	74.0 %						21-113			
118-79-6	Surrogate: 2,4,6-Tribromophenol	94.2 %						19-110			
1718-51-0	Surrogate: Terphenyl-d14	68.0 %						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	16.5		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
72-55-9	4,4'-DDE	12.0		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
50-29-3	4,4'-DDT	22.8		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
309-00-2	Aldrin	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
5103-71-9	alpha-Chlordane	10.0		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 20:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
57-74-9	Chlordane, total	64.9		ug/kg dry	40.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
60-57-1	Dieldrin	10.4		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 20:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
5566-34-7	gamma-Chlordane	14.0		ug/kg dry	2.01	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 20:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	102	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:07	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	104 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.5 %	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	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:22	LAB
1336-36-3	* Total PCBs	0.0519		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 14:22	LAB



Sample Information

Client Sample ID: SB-1 1'-3'

York Sample ID: 18A0266-01

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:35 pm	<u>Date Received</u> 01/10/2018
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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
	Surrogate Recoveries	Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	61.5 %			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	7800		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-36-0	Antimony	1.53		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-38-2	Arsenic	6.45		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-39-3	Barium	392		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.122	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-43-9	Cadmium	3.01		mg/kg dry	0.365	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-70-2	Calcium	22500		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-47-3	Chromium	20.8		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-48-4	Cobalt	5.53		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-50-8	Copper	269		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7439-89-6	Iron	16400		mg/kg dry	2.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7439-92-1	Lead	550		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7439-95-4	Magnesium	2940		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7439-96-5	Manganese	321		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-02-0	Nickel	20.2		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-09-7	Potassium	648		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7782-49-2	Selenium	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML



Sample Information

Client Sample ID: SB-1 1'-3' **York Sample ID:** 18A0266-01
York Project (SDG) No.: 18A0266 **Client Project ID:** 811-817 Lexington Ave **Matrix:** Soil **Collection Date/Time:** January 10, 2018 12:35 pm **Date Received:** 01/10/2018

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	523		mg/kg dry	12.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-62-2	Vanadium	29.7		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	BML
7440-66-6	Zinc	490		mg/kg dry	1.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:39	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	7.41		mg/kg dry	0.0365	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 15:09	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	82.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-1 7'-9' **York Sample ID:** 18A0266-02
York Project (SDG) No.: 18A0266 **Client Project ID:** 811-817 Lexington Ave **Matrix:** Soil **Collection Date/Time:** January 10, 2018 12:40 pm **Date Received:** 01/10/2018

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	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 02:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 02:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	160	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
67-64-1	Acetone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
107-02-8	Acrolein	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 02:48	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 12:40 pm

01/10/2018

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	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 02:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 02:48	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: Toluene-d8	96.8 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			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	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
120-12-7	Anthracene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
92-87-5	Benzidine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.4	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
86-74-8	Carbazole	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
218-01-9	Chrysene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
86-73-7	Fluorene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
108-95-2	Phenol	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH
129-00-0	Pyrene	ND		ug/kg dry	45.8	91.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:11	KH

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
367-12-4	Surrogate: 2-Fluorophenol	71.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	83.9 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	85.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	64.0 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	84.7 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	59.1 %			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	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
309-00-2	Aldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 14:21	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 14:21	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
72-20-8	Endrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 14:21	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:21	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	84.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %	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	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:46	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 14:46	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	75.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %	30-140							



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:40 pm	<u>Date Received</u> 01/10/2018
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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
7429-90-5	Aluminum	6830		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-36-0	Antimony	ND		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-38-2	Arsenic	1.34		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-39-3	Barium	34.8		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-70-2	Calcium	832		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-47-3	Chromium	18.3		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-48-4	Cobalt	7.55		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-50-8	Copper	17.5		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7439-89-6	Iron	21800		mg/kg dry	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7439-92-1	Lead	6.19		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7439-95-4	Magnesium	1640		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7439-96-5	Manganese	421		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-02-0	Nickel	7.27		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-09-7	Potassium	933		mg/kg dry	5.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-23-5	Sodium	ND		mg/kg dry	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-62-2	Vanadium	29.0		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML
7440-66-6	Zinc	28.3		mg/kg dry	1.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:45	BML



Sample Information

Client Sample ID: SB-1 7'-9'

York Sample ID: 18A0266-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 18A0266, 811-817 Lexington Ave, Soil, January 10, 2018 12:40 pm, 01/10/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0329 1 EPA 7473 01/11/2018 09:48 01/11/2018 13:27 SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids * % Solids 91.2 % 0.100 1 SM 2540G 01/11/2018 10:01 01/11/2018 14:58 TJM

Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 18A0266, 811-817 Lexington Ave, Soil, January 10, 2018 12:50 pm, 01/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organics like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	190	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
67-64-1	Acetone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 03:20	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:20	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 03:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	98.7 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
83-32-9	Acenaphthene	176		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
208-96-8	Acenaphthylene	175		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
98-86-2	Acetophenone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
62-53-3	Aniline	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
120-12-7	Anthracene	572		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
1912-24-9	Atrazine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
92-87-5	Benzidine	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
56-55-3	Benzo(a)anthracene	2270		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
50-32-8	Benzo(a)pyrene	1370		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
205-99-2	Benzo(b)fluoranthene	1860		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
191-24-2	Benzo(g,h,i)perylene	553		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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	1080		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
85-68-7	Benzy l butyl phthalate	57.5	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	364		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
105-60-2	Caprolactam	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
86-74-8	Carbazole	292		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
218-01-9	Chrysene	2360		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
53-70-3	Dibenzo(a,h)anthracene	242		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
132-64-9	Dibenzofuran	87.8	J	ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
206-44-0	Fluoranthene	4480		ug/kg dry	119	237	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 22:13	SR
86-73-7	Fluorene	165		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
193-39-5	Indeno(1,2,3-cd)pyrene	564		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
78-59-1	Isophorone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
85-01-8	Phenanthrene	2410		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
108-95-2	Phenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 00:40	SR
129-00-0	Pyrene	5120		ug/kg dry	119	237	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 22:13	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	83.9 %	20-108
4165-62-2	Surrogate: Phenol-d5	84.2 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	83.7 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	71.6 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	88.7 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	65.5 %	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	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
72-55-9	4,4'-DDE	4.32		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
50-29-3	4,4'-DDT	8.61		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 20:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 20:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 20:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:22	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	Surrogate: Decachlorobiphenyl	89.0 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	22.8 %	30-150

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Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:10	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 15:10	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %	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	7420		mg/kg dry	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-36-0	Antimony	0.762		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-38-2	Arsenic	4.84		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-39-3	Barium	174		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-43-9	Cadmium	0.824		mg/kg dry	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-70-2	Calcium	18300		mg/kg dry	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-47-3	Chromium	14.9		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-48-4	Cobalt	6.53		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML



Sample Information

Client Sample ID: SB-2 1'-3'

York Sample ID: 18A0266-03

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:50 pm	<u>Date Received</u> 01/10/2018
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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	92.3		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7439-89-6	Iron	16100		mg/kg dry	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7439-92-1	Lead	170		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7439-95-4	Magnesium	3250		mg/kg dry	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7439-96-5	Manganese	317		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-02-0	Nickel	11.9		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-09-7	Potassium	827		mg/kg dry	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7782-49-2	Selenium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-22-4	Silver	ND		mg/kg dry	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-23-5	Sodium	226		mg/kg dry	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-62-2	Vanadium	23.0		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	BML
7440-66-6	Zinc	233		mg/kg dry	1.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 21:51	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	4.06		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 15:21	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	87.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 03:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 03:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	180	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
67-64-1	Acetone	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
107-02-8	Acrolein	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 03:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 03:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 03:52	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: Toluene-d8	96.9 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			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	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
62-53-3	Aniline	ND		ug/kg dry	174	347	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
120-12-7	Anthracene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
92-87-5	Benzidine	ND		ug/kg dry	174	347	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
65-85-0	Benzoic acid	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
86-74-8	Carbazole	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
218-01-9	Chrysene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
86-73-7	Fluorene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
78-59-1	Isophorone	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
85-01-8	Phenanthrene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
108-95-2	Phenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
129-00-0	Pyrene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:59	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	67.8 %			20-108						
4165-62-2	Surrogate: Phenol-d5	69.6 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	74.0 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	53.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	54.6 %			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	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 14:36	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 14:36	SA



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 14:36	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.58	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
8001-35-2	Toxaphene	ND		ug/kg dry	86.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 14:36	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	146 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	124 %	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	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:34	LAB



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 12:55 pm

01/10/2018

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 15:34	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	99.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	85.0 %	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	Aluminum	3360		mg/kg dry	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-36-0	Antimony	ND		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-38-2	Arsenic	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-39-3	Barium	29.1		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-70-2	Calcium	713		mg/kg dry	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-47-3	Chromium	7.51		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-48-4	Cobalt	4.42		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-50-8	Copper	10.1		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7439-89-6	Iron	12600		mg/kg dry	2.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7439-92-1	Lead	2.97		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7439-95-4	Magnesium	1330		mg/kg dry	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7439-96-5	Manganese	337		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-02-0	Nickel	4.83		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-09-7	Potassium	497		mg/kg dry	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7782-49-2	Selenium	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML



Sample Information

Client Sample ID: SB-2 12'-14'

York Sample ID: 18A0266-04

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 12:55 pm	<u>Date Received</u> 01/10/2018
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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
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-23-5	Sodium	ND		mg/kg dry	10.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-62-2	Vanadium	13.8		mg/kg dry	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	BML
7440-66-6	Zinc	20.2		mg/kg dry	1.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:11	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	ND		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 13:47	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	95.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 04:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 04:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	170	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
67-64-1	Acetone	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-09-2	Methylene chloride	4.9	J	ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 04:24	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 04:24	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			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	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
83-32-9	Acenaphthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
98-86-2	Acetophenone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
120-12-7	Anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
1912-24-9	Atrazine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
92-87-5	Benzidine	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
65-85-0	Benzoic acid	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
105-60-2	Caprolactam	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
86-74-8	Carbazole	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
218-01-9	Chrysene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
206-44-0	Fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
86-73-7	Fluorene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
78-59-1	Isophorone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
85-01-8	Phenanthrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
108-95-2	Phenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 20:34	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	76.1 %			20-108						
4165-62-2	Surrogate: Phenol-d5	75.1 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	71.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	63.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	71.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	62.6 %			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	01/11/2018 12:35	01/12/2018 15:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 15:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 15:37	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 15:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:37	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	156 %	GC-Sur	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	127 %	r	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	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:35	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 17:35	LAB

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
877-09-8	Surrogate: Tetrachloro-m-xylene	103 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	90.5 %			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	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-36-0	Antimony	ND		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-38-2	Arsenic	1.23		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-39-3	Barium	43.7		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-70-2	Calcium	499		mg/kg dry	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-47-3	Chromium	15.2		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-48-4	Cobalt	7.14		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-50-8	Copper	17.7		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7439-89-6	Iron	22700		mg/kg dry	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7439-92-1	Lead	4.82		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7439-95-4	Magnesium	1770		mg/kg dry	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7439-96-5	Manganese	317		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-02-0	Nickel	4.25		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-09-7	Potassium	924		mg/kg dry	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML



Sample Information

Client Sample ID: SB-3 1'-3'

York Sample ID: 18A0266-05

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:10 pm	<u>Date Received</u> 01/10/2018
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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
7440-23-5	Sodium	ND		mg/kg dry	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-62-2	Vanadium	27.4		mg/kg dry	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	BML
7440-66-6	Zinc	29.0		mg/kg dry	1.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:17	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	ND		mg/kg dry	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 13:55	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	91.7		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 04:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 04:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	220	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-09-2	Methylene chloride	8.5	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 04:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 04:56	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 04:56	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: Toluene-d8	96.8 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.9 %			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	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
91-57-6	2-Methylnaphthalene	60.9	J	ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
83-32-9	Acenaphthene	521		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
208-96-8	Acenaphthylene	270		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
120-12-7	Anthracene	1800		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 1:15 pm

01/10/2018

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	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
92-87-5	Benzidine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
56-55-3	Benzo(a)anthracene	4090		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
50-32-8	Benzo(a)pyrene	3320		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
205-99-2	Benzo(b)fluoranthene	3000		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
191-24-2	Benzo(g,h,i)perylene	2780		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
207-08-9	Benzo(k)fluoranthene	2950		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
117-81-7	Bis(2-ethylhexyl)phthalate	1930		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
86-74-8	Carbazole	276		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
218-01-9	Chrysene	4230		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
53-70-3	Dibenzo(a,h)anthracene	726		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
132-64-9	Dibenzofuran	241		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 1:15 pm

01/10/2018

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	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
206-44-0	Fluoranthene	7830		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
86-73-7	Fluorene	558		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
193-39-5	Indeno(1,2,3-cd)pyrene	2490		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
91-20-3	Naphthalene	65.5	J	ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
85-01-8	Phenanthrene	7700		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
108-95-2	Phenol	ND		ug/kg dry	47.7	95.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/17/2018 11:27	OW
129-00-0	Pyrene	9000		ug/kg dry	239	476	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/16/2018 23:02	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	76.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	85.8 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	93.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	77.0 %	21-113								



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 1:15 pm

01/10/2018

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: 2,4,6-Tribromophenol	97.6 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	61.3 %			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	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 15:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 15:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 1:15 pm

01/10/2018

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	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 15:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.39	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 15:52	SA
Surrogate Recoveries		Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	106 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	90.4 %			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	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
11097-69-1	Aroclor 1254	0.0455		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:00	LAB
1336-36-3	* Total PCBs	0.0455		mg/kg dry	0.0190	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 18:00	LAB
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	69.0 %			30-140					



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 1:15 pm

01/10/2018

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	7860		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-36-0	Antimony	0.596		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-38-2	Arsenic	5.35		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-39-3	Barium	141		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-43-9	Cadmium	1.14		mg/kg dry	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-70-2	Calcium	45000		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-47-3	Chromium	12.5		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-48-4	Cobalt	5.03		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-50-8	Copper	178		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7439-89-6	Iron	14600		mg/kg dry	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7439-92-1	Lead	147		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7439-95-4	Magnesium	4510		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7439-96-5	Manganese	356		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-02-0	Nickel	11.5		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-09-7	Potassium	784		mg/kg dry	5.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7782-49-2	Selenium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-23-5	Sodium	439		mg/kg dry	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-62-2	Vanadium	26.2		mg/kg dry	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML
7440-66-6	Zinc	178		mg/kg dry	1.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:23	BML



Sample Information

Client Sample ID: SB-3 7.5'-9.5'

York Sample ID: 18A0266-06

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 1:15 pm	<u>Date Received</u> 01/10/2018
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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	13.0		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 15:35	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	87.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:05 pm	<u>Date Received</u> 01/10/2018
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 05:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 05:27	SS



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:05 pm	<u>Date Received</u> 01/10/2018
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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	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	180	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
67-64-1	Acetone	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:05 pm	<u>Date Received</u> 01/10/2018
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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
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:05 pm

01/10/2018

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	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 05:27	SS
79-01-6	Trichloroethylene	4.9		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:27	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 05:27	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			76-130						



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:05 pm

01/10/2018

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	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:05 pm

01/10/2018

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	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
83-32-9	Acenaphthene	137		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
98-86-2	Acetophenone	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
62-53-3	Aniline	ND		ug/kg dry	203	405	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
120-12-7	Anthracene	55.0	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
1912-24-9	Atrazine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
92-87-5	Benzidine	ND		ug/kg dry	203	405	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
56-55-3	Benzo(a)anthracene	153		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
50-32-8	Benzo(a)pyrene	109		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
205-99-2	Benzo(b)fluoranthene	100	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
191-24-2	Benzo(g,h,i)perylene	60.7	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:05 pm

01/10/2018

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	120		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
65-85-0	Benzoic acid	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	121		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
105-60-2	Caprolactam	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
86-74-8	Carbazole	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
218-01-9	Chrysene	176		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
206-44-0	Fluoranthene	498		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
86-73-7	Fluorene	95.5	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:05 pm

01/10/2018

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	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	60.7	J	ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
78-59-1	Isophorone	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
91-20-3	Naphthalene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
85-01-8	Phenanthrene	565		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
108-95-2	Phenol	ND		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH
129-00-0	Pyrene	472		ug/kg dry	50.7	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 14:53	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	71.8 %	20-108
4165-62-2	Surrogate: Phenol-d5	77.2 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	107 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	68.4 %	21-113
1718-51-0	Surrogate: Terphenyl-d14	49.8 %	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	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:05 pm	<u>Date Received</u> 01/10/2018
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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	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 16:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
72-20-8	Endrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:07	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	93.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %	30-150							



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:05 pm	<u>Date Received</u> 01/10/2018
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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	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:24	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 18:24	LAB

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	80.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %	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	9340		mg/kg dry	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-36-0	Antimony	ND		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-38-2	Arsenic	3.21		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-39-3	Barium	87.5		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.121	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.364	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-70-2	Calcium	951		mg/kg dry	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-47-3	Chromium	14.4		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-48-4	Cobalt	3.93		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML



Sample Information

Client Sample ID: SB-4 1'-3'

York Sample ID: 18A0266-07

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:05 pm	<u>Date Received</u> 01/10/2018
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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	36.9		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7439-89-6	Iron	14800		mg/kg dry	2.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7439-92-1	Lead	185		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7439-95-4	Magnesium	1490		mg/kg dry	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7439-96-5	Manganese	98.8		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-02-0	Nickel	7.38		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-09-7	Potassium	505		mg/kg dry	6.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7782-49-2	Selenium	ND		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-22-4	Silver	ND		mg/kg dry	0.607	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-23-5	Sodium	ND		mg/kg dry	12.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-62-2	Vanadium	20.6		mg/kg dry	1.21	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	BML
7440-66-6	Zinc	46.8		mg/kg dry	1.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:29	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	0.492		mg/kg dry	0.0364	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 14:17	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	82.4		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 05:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 05:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	170	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
67-64-1	Acetone	39	SCAL- E	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-09-2	Methylene chloride	6.4	J	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 05:59	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 05:59	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 05:59	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: Toluene-d8	97.3 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			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	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:10 pm

01/10/2018

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	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
120-12-7	Anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
92-87-5	Benzidine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
86-74-8	Carbazole	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
218-01-9	Chrysene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
86-73-7	Fluorene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
85-01-8	Phenanthrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
108-95-2	Phenol	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
129-00-0	Pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 15:42	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	63.5 %			20-108						
4165-62-2	Surrogate: Phenol-d5	68.9 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	88.0 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	57.7 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	74.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	54.5 %			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	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 16:22	SA



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018
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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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:22	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	99.4 %	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	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 18:48	LAB



Sample Information

Client Sample ID: SB-4 7'-9'

York Sample ID: 18A0266-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:10 pm

01/10/2018

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	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2018 12:35	01/12/2018 18:48	LAB	
							Certifications:				
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	79.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	68.5 %	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	10500		mg/kg dry	5.49	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	1.57		mg/kg dry	1.10	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	45.7		mg/kg dry	1.10	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	709		mg/kg dry	5.49	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	27.4		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	8.79		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	18.1		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	27600		mg/kg dry	2.20	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	5.13		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	4730		mg/kg dry	5.49	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	628		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	7.64		mg/kg dry	0.549	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	1720		mg/kg dry	5.49	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	01/11/2018 09:49	01/17/2018 22:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SB-4 7'-9'					York Sample ID: 18A0266-08
<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:10 pm	<u>Date Received</u> 01/10/2018	

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
7440-22-4	Silver	ND		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:35	BML
7440-23-5	Sodium	ND		mg/kg dry	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:35	BML
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:35	BML
7440-62-2	Vanadium	41.7		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:35	BML
7440-66-6	Zinc	33.1		mg/kg dry	1.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:35	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	ND		mg/kg dry	0.0330	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 14:25	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	91.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-5 1'-3'					York Sample ID: 18A0266-09
<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018	

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	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 06:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 06:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	170	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
67-64-1	Acetone	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	8.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 06:31	SS
79-01-6	Trichloroethylene	21		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 06:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 06:31	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.1 %			85-120						
460-00-4	Surrogate: 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	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:20 pm

01/10/2018

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
62-53-3	Aniline	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
120-12-7	Anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
92-87-5	Benzidine	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
86-74-8	Carbazole	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
218-01-9	Chrysene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

York Project (SDG) No.

Client Project ID

Matrix

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18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:20 pm

01/10/2018

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	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
86-73-7	Fluorene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
108-95-2	Phenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 16:32	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	62.1 %			20-108						
4165-62-2	Surrogate: Phenol-d5	68.2 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	88.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.9 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	81.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	53.8 %			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	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 16:37	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.27	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:37	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	124 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	110 %	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	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:12	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 19:12	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	90.5 %	30-140							



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:20 pm	<u>Date Received</u> 01/10/2018
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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
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %			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	Aluminum	8030		mg/kg dry	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-36-0	Antimony	ND		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-38-2	Arsenic	2.37		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-39-3	Barium	40.7		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-43-9	Cadmium	10.2		mg/kg dry	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-70-2	Calcium	530		mg/kg dry	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-47-3	Chromium	12.8		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-48-4	Cobalt	3.90		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-50-8	Copper	49.1		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7439-89-6	Iron	10900		mg/kg dry	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7439-92-1	Lead	26.3		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7439-95-4	Magnesium	1230		mg/kg dry	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7439-96-5	Manganese	125		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-02-0	Nickel	7.24		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-09-7	Potassium	429		mg/kg dry	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-23-5	Sodium	ND		mg/kg dry	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:40	BML



Sample Information

Client Sample ID: SB-5 1'-3'

York Sample ID: 18A0266-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:20 pm

01/10/2018

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	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-62-2	Vanadium	16.5		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	BML
7440-66-6	Zinc	133		mg/kg dry	1.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:40	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	ND		mg/kg dry	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 14:34	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	89.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:25 pm

01/10/2018

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	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 07:03	SS



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 07:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	190	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
67-64-1	Acetone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:25 pm

01/10/2018

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	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	9.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 07:03	SS
79-01-6	Trichloroethylene	54		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:03	SS



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 07:03	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: Toluene-d8	95.8 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			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	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
83-32-9	Acenaphthene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
98-86-2	Acetophenone	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
62-53-3	Aniline	ND		ug/kg dry	215	430	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
120-12-7	Anthracene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
92-87-5	Benzidine	ND		ug/kg dry	215	430	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
65-85-0	Benzoic acid	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
105-60-2	Caprolactam	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
86-74-8	Carbazole	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
218-01-9	Chrysene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
206-44-0	Fluoranthene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
86-73-7	Fluorene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
78-59-1	Isophorone	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
91-20-3	Naphthalene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
85-01-8	Phenanthrene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
108-95-2	Phenol	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
129-00-0	Pyrene	ND		ug/kg dry	53.9	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/15/2018 17:22	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	70.7 %			20-108						
4165-62-2	Surrogate: Phenol-d5	77.3 %			23-114						



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
4165-60-0	Surrogate: Nitrobenzene-d5	92.6 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	64.1 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	85.0 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	55.2 %			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	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
309-00-2	Aldrin	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	42.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 16:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
72-20-8	Endrin	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 16:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	108	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 16:52	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	139 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	106 %	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	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 19:36	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 19:36	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	83.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	73.0 %	30-140							



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:25 pm

01/10/2018

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	15900		mg/kg dry	6.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-36-0	Antimony	1.19		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-38-2	Arsenic	3.39		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-39-3	Barium	105		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.129	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-43-9	Cadmium	0.468		mg/kg dry	0.387	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-70-2	Calcium	1340		mg/kg dry	6.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-47-3	Chromium	50.5		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-48-4	Cobalt	14.1		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-50-8	Copper	30.4		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7439-89-6	Iron	34300		mg/kg dry	2.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7439-92-1	Lead	8.40		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7439-95-4	Magnesium	5250		mg/kg dry	6.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7439-96-5	Manganese	416		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-02-0	Nickel	15.6		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-09-7	Potassium	2550		mg/kg dry	6.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7782-49-2	Selenium	ND		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-22-4	Silver	ND		mg/kg dry	0.644	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-23-5	Sodium	ND		mg/kg dry	12.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-28-0	Thallium	ND		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-62-2	Vanadium	52.2		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML
7440-66-6	Zinc	61.2		mg/kg dry	1.93	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:46	BML



Sample Information

Client Sample ID: SB-5 7'-9'

York Sample ID: 18A0266-10

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:25 pm	<u>Date Received</u> 01/10/2018
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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	ND		mg/kg dry	0.0387	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 14:42	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	77.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 07:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 07:35	SS



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	180	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
67-64-1	Acetone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
127-18-4	Tetrachloroethylene	2.9	J	ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 07:35	SS
79-01-6	Trichloroethylene	4.9		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 07:35	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 07:35	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:50 pm

01/10/2018

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	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
120-12-7	Anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
92-87-5	Benzidine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
105-60-2	Caprolactam	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
86-74-8	Carbazole	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
218-01-9	Chrysene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
86-73-7	Fluorene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
78-59-1	Isophorone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
108-95-2	Phenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH
129-00-0	Pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 17:13	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	48.7 %	20-108
4165-62-2	Surrogate: Phenol-d5	50.2 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	75.8 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	65.6 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	98.3 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	58.3 %	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	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 17:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 17:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 17:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:07	SA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
2051-24-3	Surrogate: Decachlorobiphenyl	116 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	113 %			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	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:00	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 20:00	LAB

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	93.0 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	78.5 %	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	8910		mg/kg dry	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-38-2	Arsenic	2.08		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-39-3	Barium	56.7		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML



Sample Information

Client Sample ID: SB-6 1'-3'

York Sample ID: 18A0266-11

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018
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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
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-70-2	Calcium	1150		mg/kg dry	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-47-3	Chromium	10.6		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-48-4	Cobalt	4.27		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-50-8	Copper	6.88		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7439-89-6	Iron	9770		mg/kg dry	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7439-92-1	Lead	21.7		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7439-95-4	Magnesium	1280		mg/kg dry	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7439-96-5	Manganese	403		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-02-0	Nickel	7.08		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-09-7	Potassium	455		mg/kg dry	5.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-23-5	Sodium	ND		mg/kg dry	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-62-2	Vanadium	14.0		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	BML
7440-66-6	Zinc	18.3		mg/kg dry	1.66	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:52	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	0.289		mg/kg dry	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 14:51	SY



Sample Information

Client Sample ID: SB-6 1'-3'					York Sample ID: 18A0266-11
<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:50 pm	<u>Date Received</u> 01/10/2018	

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	90.2		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM

Sample Information

Client Sample ID: SB-6 8'-10'					York Sample ID: 18A0266-12
<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018	

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	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 08:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 08:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	170	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
67-64-1	Acetone	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	8.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH	01/12/2018 13:55	01/13/2018 08:07	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2018 13:55	01/13/2018 08:07	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2018 13:55	01/13/2018 08:07	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125
2037-26-5	Surrogate: Toluene-d8	97.2 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	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	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
62-53-3	Aniline	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
92-87-5	Benzidine	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:55 pm

01/10/2018

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
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
105-60-2	Caprolactam	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
86-74-8	Carbazole	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
218-01-9	Chrysene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
108-95-2	Phenol	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH
129-00-0	Pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:40	01/12/2018 19:59	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	66.5 %	20-108
4165-62-2	Surrogate: Phenol-d5	77.4 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	83.6 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	55.9 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	83.5 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	59.1 %	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	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

<u>York Project (SDG) No.</u> 18A0266	<u>Client Project ID</u> 811-817 Lexington Ave	<u>Matrix</u> Soil	<u>Collection Date/Time</u> January 10, 2018 2:55 pm	<u>Date Received</u> 01/10/2018
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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
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 17:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH	01/11/2018 12:35	01/12/2018 17:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/11/2018 12:35	01/12/2018 17:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	88.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 17:22	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	145 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	122 %	30-150							



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:55 pm

01/10/2018

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	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/11/2018 12:35	01/12/2018 20:24	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/11/2018 12:35	01/12/2018 20:24	LAB
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	95.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	88.0 %	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	Aluminum	6080		mg/kg dry	5.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-36-0	Antimony	ND		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-38-2	Arsenic	2.09		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-39-3	Barium	50.7		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-70-2	Calcium	1030		mg/kg dry	5.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-47-3	Chromium	16.6		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-48-4	Cobalt	7.64		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML



Sample Information

Client Sample ID: SB-6 8'-10'

York Sample ID: 18A0266-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0266

811-817 Lexington Ave

Soil

January 10, 2018 2:55 pm

01/10/2018

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	16.0		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7439-89-6	Iron	20700		mg/kg dry	2.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7439-92-1	Lead	5.33		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7439-95-4	Magnesium	1570		mg/kg dry	5.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7439-96-5	Manganese	500		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-02-0	Nickel	6.19		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-09-7	Potassium	1190		mg/kg dry	5.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-23-5	Sodium	ND		mg/kg dry	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-62-2	Vanadium	25.1		mg/kg dry	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	BML
7440-66-6	Zinc	24.9		mg/kg dry	1.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/11/2018 09:49	01/17/2018 22:58	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	ND		mg/kg dry	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/11/2018 09:48	01/11/2018 15:00	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	93.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/11/2018 10:01	01/11/2018 14:58	TJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0266-01	SB-1 1'-3'	40mL Vial with Stir Bar-Cool 4° C
18A0266-02	SB-1 7'-9'	40mL Vial with Stir Bar-Cool 4° C
18A0266-03	SB-2 1'-3'	40mL Vial with Stir Bar-Cool 4° C
18A0266-04	SB-2 12'-14'	40mL Vial with Stir Bar-Cool 4° C
18A0266-05	SB-3 1'-3'	40mL Vial with Stir Bar-Cool 4° C
18A0266-06	SB-3 7.5'-9.5'	40mL Vial with Stir Bar-Cool 4° C
18A0266-07	SB-4 1'-3'	40mL Vial with Stir Bar-Cool 4° C
18A0266-08	SB-4 7'-9'	40mL Vial with Stir Bar-Cool 4° C
18A0266-09	SB-5 1'-3'	40mL Vial with Stir Bar-Cool 4° C
18A0266-10	SB-5 7'-9'	40mL Vial with Stir Bar-Cool 4° C
18A0266-11	SB-6 1'-3'	40mL Vial with Stir Bar-Cool 4° C
18A0266-12	SB-6 8'-10'	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.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
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
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 2

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18A0266

YOUR INFORMATION Company: <u>ALC Environmental</u> Address: <u>121 W 27 St, New York, NY 10001</u> Phone No: <u>212-675-5544</u> Contact Person: <u>Brian Muller</u> E-Mail Address: _____		Report To: Company: <u>Same</u> Address: <u>Same</u> Phone No: <u>Same</u> Attention: <u>Cheryl Bernigoin</u> E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: <u>Same</u> Phone No: <u>Same</u> Attention: <u>Cheryl Bernigoin</u> E-Mail Address: _____		YOUR PROJECT ID Purchase Order No. _____ Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ CTRCP DQA/DUE Pkg _____ NY ASP A Package _____ NY ASP B Package _____ NJDEP Red. Deliv. _____ <i>Electronic Data Deliverables (EDD)</i> Simple Excel _____ NYSDEC EQuls _____ EQuls (std) _____ EZ-EDD (EQuls) _____ NJDEP SRP HazSite EDD _____ GIS/KEY (std) _____ Other _____ York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in): _____			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full TICs 624 Site Spec. STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones TCL list Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NJDEP list App. IX list SRP or TCLP 8021B list SRP or TCLP 608 PCB		Semi-Vols, Pesticides 8270 or 625 8082 PCB STARS list 8081 Pest BN Only 815 Herb Acids Only CT RCP PAH list App. IX TAGM list Site Spec. CT RCP list SRP or TCLP TCL list TCLP Pest NJDEP list TCLP Herb App. IX Chlordane TCLP BNA 608 Pest SRP or TCLP 608 PCB		Metals RCRAS PPL3 list TAL CT15 list TAGM list NJDEP list Total Dissolved SRP or TCLP Ind. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Ogarks TAL-MetCN Full TCLP Full App. IX Part 360-Routine Part 360-Residue Part 360-Residue Part 360-Residue Part 360-Residue NYDEP Sewer NYDEP Sewer Asbestos TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC NYDEP Sewer NYDEP Sewer Asbestos TAGM Silica	

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.

Brian Muller
 Samples Collected/Authorized By (Signature)
Brian Muller
 Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-1 1'-3'	1/10/18 12:35	S	VOCs, SVOCs, TAL METALS, PCBs, PESTICIDES	
SB-1 7'-9'	12:40	S		
SB-2 1'-3'	12:50	S		
SB-2 12'-14'	12:55	S		
SB-3 1'-3'	13:10	S		
SB-3 7'-9'-9.5'	13:15	S		
SB-4 1'-3'	14:05	S		
SB-4 7'-9'	14:10	S		
SB-5 1'-3'	14:20	S		

Comments

4°C Frozen HCl MeOH HNO₃ H₂SO₄ NaOH Other _____

Preservation Check those Applicable
 Special Instructions
 Field Filtered
 Lab to Filter

Samples Relinquished By Brian Muller Date/Time 1/10/18 17:55
 Samples Relinquished By Cheryl Bernigoin Date/Time 1/10/18 6:38
 Samples Received By Alona A. Sanku Date/Time 1/10/18 17:55
 Samples Received In LAB by Cheryl Bernigoin Date/Time 1/10/18 19:53

Temperature on Receipt 2.2 °C



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

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Field Chain-of-Custody Record

Page 2 of 2

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18A0266

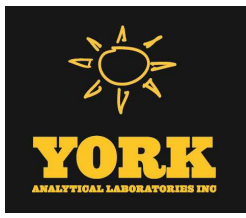
YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: <u>AEC Environmental</u> Address: <u>121 W 27th St. New York, NY 10001</u> Phone No. <u>212 675 5544</u> Contact Person: <u>Brian Mulder</u> E-Mail Address: <u>brian.mulder@aec.com</u>	Company: <u>Same</u> Address: <u>Same</u> Phone No. <u>Same</u> Attention: <u>Cheryl Bernegni</u> E-Mail Address:	Company: <u>Same</u> Address: <u>Same</u> Phone No. <u>Same</u> Attention: <u>Cheryl Bernegni</u> E-Mail Address:	Misc. Org. <u>NY X NJ</u> Purchase Order No. <u></u> Samples from: CT <u></u> NY <u>X</u> NJ <u>X</u>	RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <input checked="" type="checkbox"/> Standard(5-7 Days)	Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NIDEP Red. Deliv. <input type="checkbox"/> <u>Electronic Data Deliverables (EDD)</u> Simple Excel <input type="checkbox"/> NYSEDEC EQuIS <input type="checkbox"/> EQuIS (std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NIDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other <input type="checkbox"/> York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> <small>Compare to the following Regs. (please fill in):</small>
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.					
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor					
Samples Collected/Authorized By (Signature) <u>Brian Mulder</u> Name (printed)					

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below				Container Description(s)
<u>SB-5 7'-9'</u>	<u>11/01/18 1425</u>	<u>S</u>	<u>VOCS, SVOCs, TAL METALS, PCBs, PESTICIDES</u>				
<u>SB-6 1'-3'</u>	<u>1450</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
<u>SB-6 8'-10'</u>	<u>1455</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	

Preservation	4°C	Frozen	HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
Check those Applicable								
Special Instructions								
Field Filtered <input type="checkbox"/>								
Lab to Filter <input type="checkbox"/>								

Samples Relinquished By Cheryl Bernegni Date/Time 11/01/18 17:55
Samples Relinquished By Cheryl Bernegni Date/Time 11/01/18 19:53

Samples Received in LAB by Alone A Sarkis Date/Time 11/01/18 17:55
Temperature on Receipt 2.2°C



Technical Report

prepared for:

ALC Environmental, Inc.
121 West 27th St., 402
New York NY, 10001
Attention: Cheryl Benmergui

Report Date: 01/17/2018
Client Project ID: 811-817 Lexington Ave.
York Project (SDG) No.: 18A0300

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

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/17/2018
Client Project ID: 811-817 Lexington Ave.
York Project (SDG) No.: 18A0300

ALC Environmental, Inc.
121 West 27th St., 402
New York NY, 10001
Attention: Cheryl Benmergui

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 January 10, 2018 and listed below. The project was identified as your project: **811-817 Lexington Ave.**

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>
18A0300-01	SV-01	Soil Vapor	01/10/2018	01/10/2018
18A0300-02	SV-02	Soil Vapor	01/10/2018	01/10/2018
18A0300-03	SV-03	Soil Vapor	01/10/2018	01/10/2018
18A0300-04	SV-04	Soil Vapor	01/10/2018	01/10/2018
18A0300-05	SV-05	Soil Vapor	01/10/2018	01/10/2018
18A0300-06	SV-06	Soil Vapor	01/10/2018	01/10/2018
18A0300-07	IA-01	Indoor Ambient Air	01/10/2018	01/10/2018
18A0300-08	OA-01	Outdoor Ambient Ai	01/10/2018	01/10/2018

General Notes for York Project (SDG) No.: 18A0300

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: 01/17/2018





Sample Information

Client Sample ID: SV-01

York Sample ID: 18A0300-01

<u>York Project (SDG) No.</u> 18A0300	<u>Client Project ID</u> 811-817 Lexington Ave.	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> January 10, 2018 3:00 pm	<u>Date Received</u> 01/10/2018
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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 ³	0.90	1.318	EPA TO-15 Certifications:	01/12/2018 21:56	01/12/2018 21:56	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.72	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.90	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.0	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.72	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.53	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.13	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.98	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
95-63-6	1,2,4-Trimethylbenzene	7.1		ug/m ³	0.65	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.0	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
95-50-1	1,2-Dichlorobenzene	1.2		ug/m ³	0.79	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.53	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.61	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.92	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
108-67-8	1,3,5-Trimethylbenzene	3.6		ug/m ³	0.65	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
106-99-0	1,3-Butadiene	47		ug/m ³	0.87	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
541-73-1	1,3-Dichlorobenzene	4.0		ug/m ³	0.79	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.61	1.318	EPA TO-15 Certifications:	01/12/2018 21:56	01/12/2018 21:56	LDS
106-46-7	1,4-Dichlorobenzene	1.6		ug/m ³	0.79	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.95	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
78-93-3	2-Butanone	18		ug/m ³	0.39	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS



Sample Information

Client Sample ID: SV-01

York Sample ID: 18A0300-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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	7.0		ug/m ³	1.1	1.318	EPA TO-15 Certifications:	01/12/2018 21:56	01/12/2018 21:56	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	2.1	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.54	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
67-64-1	Acetone	51		ug/m ³	0.63	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.29	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
71-43-2	Benzene	54		ug/m ³	0.42	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.68	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.88	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-25-2	Bromoform	ND		ug/m ³	1.4	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.51	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-15-0	Carbon disulfide	22		ug/m ³	0.41	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
56-23-5	Carbon tetrachloride	0.33		ug/m ³	0.21	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
108-90-7	Chlorobenzene	11		ug/m ³	0.61	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.35	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
67-66-3	Chloroform	5.1		ug/m ³	0.64	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
74-87-3	Chloromethane	2.6		ug/m ³	0.27	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.13	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.60	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
110-82-7	Cyclohexane	6.9		ug/m ³	0.45	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-71-8	Dichlorodifluoromethane	2.9		ug/m ³	0.65	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
141-78-6	* Ethyl acetate	4.1		ug/m ³	0.95	1.318	EPA TO-15 Certifications:	01/12/2018 21:56	01/12/2018 21:56	LDS



Sample Information

Client Sample ID: SV-01

York Sample ID: 18A0300-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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	8.1		ug/m ³	0.57	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.4	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
67-63-0	Isopropanol	10		ug/m ³	0.65	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.54	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.48	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-09-2	Methylene chloride	2.8		ug/m ³	0.92	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
142-82-5	n-Heptane	46		ug/m ³	0.54	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
110-54-3	n-Hexane	81		ug/m ³	0.46	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
95-47-6	o-Xylene	16		ug/m ³	0.57	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
179601-23-1	p- & m- Xylenes	19		ug/m ³	1.1	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
622-96-8	* p-Ethyltoluene	8.4		ug/m ³	0.65	1.318	EPA TO-15 Certifications:	01/12/2018 21:56	01/12/2018 21:56	LDS
115-07-1	* Propylene	610		ug/m ³	2.3	13.17	EPA TO-15 Certifications:	01/15/2018 11:57	01/15/2018 15:24	LDS
100-42-5	Styrene	ND		ug/m ³	0.56	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
127-18-4	Tetrachloroethylene	15		ug/m ³	0.22	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
109-99-9	* Tetrahydrofuran	36		ug/m ³	0.78	1.318	EPA TO-15 Certifications:	01/12/2018 21:56	01/12/2018 21:56	LDS
108-88-3	Toluene	34		ug/m ³	0.50	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.52	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.60	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
79-01-6	Trichloroethylene	44		ug/m ³	0.18	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	4.5		ug/m ³	0.74	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.46	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.58	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS



Sample Information

Client Sample ID: SV-01

York Sample ID: 18A0300-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.084	1.318	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 21:56	01/12/2018 21:56	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	115 %					70-130			
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	112 %					70-130			

Sample Information

Client Sample ID: SV-02

York Sample ID: 18A0300-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.91	1.331	EPA TO-15 Certifications:	01/12/2018 23:02	01/12/2018 23:02	LDS
71-55-6	1,1,1-Trichloroethane	1.3		ug/m ³	0.73	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.91	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.0	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.73	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.54	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.13	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.99	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
95-63-6	1,2,4-Trimethylbenzene	4.7		ug/m ³	0.65	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.0	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
95-50-1	1,2-Dichlorobenzene	1.0		ug/m ³	0.80	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.54	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS



Sample Information

Client Sample ID: SV-02

York Sample ID: 18A0300-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.62	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.93	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
108-67-8	1,3,5-Trimethylbenzene	1.8		ug/m ³	0.65	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.88	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
541-73-1	1,3-Dichlorobenzene	3.0		ug/m ³	0.80	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.62	1.331	EPA TO-15 Certifications:	01/12/2018 23:02	01/12/2018 23:02	LDS
106-46-7	1,4-Dichlorobenzene	1.4		ug/m ³	0.80	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.96	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
78-93-3	2-Butanone	9.5		ug/m ³	0.39	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
591-78-6	* 2-Hexanone	4.9		ug/m ³	1.1	1.331	EPA TO-15 Certifications:	01/12/2018 23:02	01/12/2018 23:02	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	2.1	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.55	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
67-64-1	Acetone	30		ug/m ³	0.63	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.29	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
71-43-2	Benzene	20		ug/m ³	0.43	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.69	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.89	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-25-2	Bromoform	ND		ug/m ³	1.4	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.52	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-15-0	Carbon disulfide	4.7		ug/m ³	0.41	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
56-23-5	Carbon tetrachloride	1.8		ug/m ³	0.21	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
108-90-7	Chlorobenzene	7.4		ug/m ³	0.61	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS



Sample Information

Client Sample ID: SV-02

York Sample ID: 18A0300-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.35	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
67-66-3	Chloroform	6.6		ug/m ³	0.65	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
74-87-3	Chloromethane	1.2		ug/m ³	0.27	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
156-59-2	cis-1,2-Dichloroethylene	0.37		ug/m ³	0.13	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.60	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
110-82-7	Cyclohexane	3.4		ug/m ³	0.46	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-71-8	Dichlorodifluoromethane	2.2		ug/m ³	0.66	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
141-78-6	* Ethyl acetate	1.7		ug/m ³	0.96	1.331	EPA TO-15 Certifications:	01/12/2018 23:02	01/12/2018 23:02	LDS
100-41-4	Ethyl Benzene	5.1		ug/m ³	0.58	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.4	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
67-63-0	Isopropanol	3.1		ug/m ³	0.65	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.54	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.48	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-09-2	Methylene chloride	ND		ug/m ³	0.92	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
142-82-5	n-Heptane	38		ug/m ³	0.55	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
110-54-3	n-Hexane	79		ug/m ³	0.47	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
95-47-6	o-Xylene	11		ug/m ³	0.58	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
179601-23-1	p- & m- Xylenes	12		ug/m ³	1.2	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
622-96-8	* p-Ethyltoluene	5.9		ug/m ³	0.65	1.331	EPA TO-15 Certifications:	01/12/2018 23:02	01/12/2018 23:02	LDS
115-07-1	* Propylene	170		ug/m ³	2.3	13.31	EPA TO-15 Certifications:	01/15/2018 11:57	01/15/2018 16:25	LDS
100-42-5	Styrene	ND		ug/m ³	0.57	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
127-18-4	Tetrachloroethylene	450	E	ug/m ³	0.23	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS



Sample Information

Client Sample ID: SV-02

York Sample ID: 18A0300-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.79	1.331	EPA TO-15 Certifications:	01/12/2018 23:02	01/12/2018 23:02	LDS
108-88-3	Toluene	20		ug/m ³	0.50	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.53	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.60	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
79-01-6	Trichloroethylene	970		ug/m ³	1.8	13.31	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/15/2018 11:57	01/15/2018 16:25	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	5.0		ug/m ³	0.75	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.47	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.58	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.085	1.331	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 23:02	01/12/2018 23:02	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	111 %					70-130			
460-00-4	Surrogate: p-Bromofluorobenzene	117 %					70-130			

Sample Information

Client Sample ID: SV-03

York Sample ID: 18A0300-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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	IS-LO	ug/m ³	0.87	1.272	EPA TO-15 Certifications:	01/13/2018 00:08	01/13/2018 00:08	LDS
71-55-6	1,1,1-Trichloroethane	0.83		ug/m ³	0.69	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m ³	0.87	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.97	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS



Sample Information

Client Sample ID: SV-03

York Sample ID: 18A0300-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.69	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.51	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.13	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m ³	0.94	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
95-63-6	1,2,4-Trimethylbenzene	510	IS-LO	ug/m ³	6.3	12.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/15/2018 11:57	01/15/2018 17:25	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.98	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
95-50-1	1,2-Dichlorobenzene	1.5	IS-LO	ug/m ³	0.76	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.51	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.59	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.89	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
108-67-8	1,3,5-Trimethylbenzene	220	IS-LO	ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
106-99-0	1,3-Butadiene	52		ug/m ³	0.84	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
541-73-1	1,3-Dichlorobenzene	5.0	IS-LO	ug/m ³	0.76	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.59	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
106-46-7	1,4-Dichlorobenzene	2.1	IS-LO	ug/m ³	0.76	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.92	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
78-93-3	2-Butanone	12		ug/m ³	0.38	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
591-78-6	* 2-Hexanone	71		ug/m ³	1.0	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	2.0	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.52	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
67-64-1	Acetone	35		ug/m ³	0.60	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.28	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS



Sample Information

Client Sample ID: SV-03

York Sample ID: 18A0300-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
71-43-2	Benzene	47		ug/m ³	0.41	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
100-44-7	Benzyl chloride	ND	IS-LO	ug/m ³	0.66	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.85	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-25-2	Bromoform	ND	IS-LO	ug/m ³	1.3	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.49	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-15-0	Carbon disulfide	22		ug/m ³	0.40	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
56-23-5	Carbon tetrachloride	0.40		ug/m ³	0.20	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
108-90-7	Chlorobenzene	11	IS-LO	ug/m ³	0.59	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.34	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
67-66-3	Chloroform	4.2		ug/m ³	0.62	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
74-87-3	Chloromethane	0.95		ug/m ³	0.26	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
156-59-2	cis-1,2-Dichloroethylene	0.81		ug/m ³	0.13	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.58	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
110-82-7	Cyclohexane	5.0		ug/m ³	0.44	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-71-8	Dichlorodifluoromethane	1.8		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
141-78-6	* Ethyl acetate	3.3		ug/m ³	0.92	1.272	EPA TO-15 Certifications:	01/13/2018 00:08	01/13/2018 00:08	LDS
100-41-4	Ethyl Benzene	240	IS-LO	ug/m ³	0.55	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m ³	1.4	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
67-63-0	Isopropanol	ND		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.52	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.46	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS



Sample Information

Client Sample ID: SV-03

York Sample ID: 18A0300-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
75-09-2	Methylene chloride	2.2		ug/m ³	0.88	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
142-82-5	n-Heptane	34		ug/m ³	0.52	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
110-54-3	n-Hexane	46		ug/m ³	0.45	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
95-47-6	o-Xylene	510	IS-LO	ug/m ³	5.5	12.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/15/2018 11:57	01/15/2018 17:25	LDS
179601-23-1	p- & m- Xylenes	1400	IS-LO	ug/m ³	11	12.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/15/2018 11:57	01/15/2018 17:25	LDS
622-96-8	* p-Ethyltoluene	720	IS-LO	ug/m ³	6.3	12.72	EPA TO-15 Certifications:	01/15/2018 11:57	01/15/2018 17:25	LDS
115-07-1	* Propylene	510		ug/m ³	2.2	12.72	EPA TO-15 Certifications:	01/15/2018 11:57	01/15/2018 17:25	LDS
100-42-5	Styrene	ND	IS-LO	ug/m ³	0.54	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
127-18-4	Tetrachloroethylene	380		ug/m ³	0.22	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
109-99-9	* Tetrahydrofuran	25		ug/m ³	0.75	1.272	EPA TO-15 Certifications:	01/13/2018 00:08	01/13/2018 00:08	LDS
108-88-3	Toluene	48		ug/m ³	0.48	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.50	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.58	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
79-01-6	Trichloroethylene	1000		ug/m ³	1.7	12.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/15/2018 11:57	01/15/2018 17:25	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.0		ug/m ³	0.71	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.45	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.56	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.081	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 00:08	01/13/2018 00:08	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	127 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	135 %	S-04		70-130					



Sample Information

Client Sample ID: SV-04

York Sample ID: 18A0300-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.87	1.272	EPA TO-15 Certifications:	01/13/2018 01:13	01/13/2018 01:13	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.69	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.87	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.97	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.69	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.51	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.13	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.94	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
95-63-6	1,2,4-Trimethylbenzene	4.0		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.98	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.76	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.51	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.59	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.89	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
108-67-8	1,3,5-Trimethylbenzene	1.6		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.84	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.76	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.59	1.272	EPA TO-15 Certifications:	01/13/2018 01:13	01/13/2018 01:13	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.76	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.92	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
78-93-3	2-Butanone	2.0		ug/m ³	0.38	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	1.0	1.272	EPA TO-15 Certifications:	01/13/2018 01:13	01/13/2018 01:13	LDS



Sample Information

Client Sample ID: SV-04

York Sample ID: 18A0300-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
107-05-1	3-Chloropropene	ND		ug/m ³	2.0	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.52	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
67-64-1	Acetone	7.5		ug/m ³	0.60	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.28	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
71-43-2	Benzene	11		ug/m ³	0.41	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.66	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.85	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-25-2	Bromoform	ND		ug/m ³	1.3	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.49	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-15-0	Carbon disulfide	3.3		ug/m ³	0.40	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
56-23-5	Carbon tetrachloride	0.56		ug/m ³	0.20	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
108-90-7	Chlorobenzene	1.6		ug/m ³	0.59	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.34	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
67-66-3	Chloroform	ND		ug/m ³	0.62	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
74-87-3	Chloromethane	1.4		ug/m ³	0.26	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
156-59-2	cis-1,2-Dichloroethylene	0.35		ug/m ³	0.13	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.58	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
110-82-7	Cyclohexane	1.3		ug/m ³	0.44	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.92	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
100-41-4	Ethyl Benzene	3.4		ug/m ³	0.55	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS



Sample Information

Client Sample ID: SV-04

York Sample ID: 18A0300-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.4	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
67-63-0	Isopropanol	2.2		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.52	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.46	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-09-2	Methylene chloride	1.3		ug/m ³	0.88	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
142-82-5	n-Heptane	3.5		ug/m ³	0.52	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
110-54-3	n-Hexane	6.6		ug/m ³	0.45	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
95-47-6	o-Xylene	5.2		ug/m ³	0.55	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
179601-23-1	p- & m- Xylenes	12		ug/m ³	1.1	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
622-96-8	* p-Ethyltoluene	4.6		ug/m ³	0.63	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
115-07-1	* Propylene	76		ug/m ³	0.22	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
100-42-5	Styrene	ND		ug/m ³	0.54	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
127-18-4	Tetrachloroethylene	11		ug/m ³	0.22	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
109-99-9	* Tetrahydrofuran	6.1		ug/m ³	0.75	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
108-88-3	Toluene	9.6		ug/m ³	0.48	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.50	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.58	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
79-01-6	Trichloroethylene	28		ug/m ³	0.17	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.71	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.45	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.56	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.081	1.272	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 01:13	01/13/2018 01:13	LDS

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SV-04

York Sample ID: 18A0300-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
460-00-4	Surrogate: p-Bromofluorobenzene	107 %			70-130					

Sample Information

Client Sample ID: SV-05

York Sample ID: 18A0300-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.87	1.268	EPA TO-15 Certifications:	01/13/2018 02:18	01/13/2018 02:18	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.69	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.87	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.97	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.69	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.51	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-35-4	1,1-Dichloroethylene	4.6		ug/m ³	0.13	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.94	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
95-63-6	1,2,4-Trimethylbenzene	6.2		ug/m ³	0.62	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.97	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
95-50-1	1,2-Dichlorobenzene	1.1		ug/m ³	0.76	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.51	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.59	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.89	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
108-67-8	1,3,5-Trimethylbenzene	3.1		ug/m ³	0.62	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS



Sample Information

Client Sample ID: SV-05

York Sample ID: 18A0300-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
106-99-0	1,3-Butadiene	44		ug/m ³	0.84	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
541-73-1	1,3-Dichlorobenzene	3.4		ug/m ³	0.76	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.59	1.268	EPA TO-15 Certifications:	01/13/2018 02:18	01/13/2018 02:18	LDS
106-46-7	1,4-Dichlorobenzene	1.4		ug/m ³	0.76	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.91	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
78-93-3	2-Butanone	10		ug/m ³	0.37	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
591-78-6	* 2-Hexanone	6.5		ug/m ³	1.0	1.268	EPA TO-15 Certifications:	01/13/2018 02:18	01/13/2018 02:18	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	2.0	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.52	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
67-64-1	Acetone	27		ug/m ³	0.60	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.28	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
71-43-2	Benzene	37		ug/m ³	0.41	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.66	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.85	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-25-2	Bromoform	ND		ug/m ³	1.3	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.49	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-15-0	Carbon disulfide	22		ug/m ³	0.39	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
56-23-5	Carbon tetrachloride	2.6		ug/m ³	0.20	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
108-90-7	Chlorobenzene	9.3		ug/m ³	0.58	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.33	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
67-66-3	Chloroform	14		ug/m ³	0.62	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
74-87-3	Chloromethane	1.3		ug/m ³	0.26	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS



Sample Information

Client Sample ID: SV-05

York Sample ID: 18A0300-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
156-59-2	cis-1,2-Dichloroethylene	3.6		ug/m ³	0.13	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.58	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
110-82-7	Cyclohexane	7.0		ug/m ³	0.44	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.63	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
141-78-6	* Ethyl acetate	2.8		ug/m ³	0.91	1.268	EPA TO-15 Certifications:	01/13/2018 02:18	01/13/2018 02:18	LDS
100-41-4	Ethyl Benzene	4.7		ug/m ³	0.55	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.4	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
67-63-0	Isopropanol	5.1		ug/m ³	0.62	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.52	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.46	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-09-2	Methylene chloride	2.7		ug/m ³	0.88	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
142-82-5	n-Heptane	20		ug/m ³	0.52	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
110-54-3	n-Hexane	28		ug/m ³	0.45	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
95-47-6	o-Xylene	12		ug/m ³	0.55	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
179601-23-1	p- & m- Xylenes	14		ug/m ³	1.1	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
622-96-8	* p-Ethyltoluene	7.5		ug/m ³	0.62	1.268	EPA TO-15 Certifications:	01/13/2018 02:18	01/13/2018 02:18	LDS
115-07-1	* Propylene	520		ug/m ³	8.7	50.72	EPA TO-15 Certifications:	01/16/2018 15:39	01/16/2018 15:39	LDS
100-42-5	Styrene	ND		ug/m ³	0.54	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
127-18-4	Tetrachloroethylene	150		ug/m ³	0.22	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
109-99-9	* Tetrahydrofuran	27		ug/m ³	0.75	1.268	EPA TO-15 Certifications:	01/13/2018 02:18	01/13/2018 02:18	LDS
108-88-3	Toluene	17		ug/m ³	0.48	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
156-60-5	trans-1,2-Dichloroethylene	0.55		ug/m ³	0.50	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS



Sample Information

Client Sample ID: SV-05

York Sample ID: 18A0300-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.58	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
79-01-6	Trichloroethylene	4800		ug/m ³	6.8	50.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/16/2018 15:39	01/16/2018 15:39	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.71	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.45	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.55	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.081	1.268	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 02:18	01/13/2018 02:18	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	108 %					70-130			
460-00-4	Surrogate: p-Bromofluorobenzene	117 %					70-130			

Sample Information

Client Sample ID: SV-06

York Sample ID: 18A0300-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.97	1.42	EPA TO-15 Certifications:	01/13/2018 03:24	01/13/2018 03:24	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.77	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.97	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.77	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.57	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-35-4	1,1-Dichloroethylene	0.68		ug/m ³	0.14	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS



Sample Information

Client Sample ID: SV-06

York Sample ID: 18A0300-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.1	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
95-63-6	1,2,4-Trimethylbenzene	11		ug/m ³	0.70	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
95-50-1	1,2-Dichlorobenzene	0.94		ug/m ³	0.85	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.57	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.66	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.99	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
108-67-8	1,3,5-Trimethylbenzene	4.7		ug/m ³	0.70	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
106-99-0	1,3-Butadiene	21		ug/m ³	0.94	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
541-73-1	1,3-Dichlorobenzene	2.5		ug/m ³	0.85	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.66	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
106-46-7	1,4-Dichlorobenzene	1.2		ug/m ³	0.85	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	1.0	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
78-93-3	2-Butanone	12		ug/m ³	0.42	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
591-78-6	* 2-Hexanone	5.3		ug/m ³	1.2	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	2.2	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.58	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
67-64-1	Acetone	43		ug/m ³	0.67	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.31	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
71-43-2	Benzene	31		ug/m ³	0.45	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.74	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.95	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS



Sample Information

Client Sample ID: SV-06

York Sample ID: 18A0300-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
75-25-2	Bromoform	ND		ug/m ³	1.5	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.55	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-15-0	Carbon disulfide	44		ug/m ³	0.44	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
56-23-5	Carbon tetrachloride	0.89		ug/m ³	0.22	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
108-90-7	Chlorobenzene	6.9		ug/m ³	0.65	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.37	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
67-66-3	Chloroform	8.3		ug/m ³	0.69	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
74-87-3	Chloromethane	1.3		ug/m ³	0.29	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
156-59-2	cis-1,2-Dichloroethylene	0.56		ug/m ³	0.14	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.64	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
110-82-7	Cyclohexane	3.8		ug/m ³	0.49	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.2	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-71-8	Dichlorodifluoromethane	3.2		ug/m ³	0.70	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
141-78-6	* Ethyl acetate	1.8		ug/m ³	1.0	1.42	EPA TO-15 Certifications:	01/13/2018 03:24	01/13/2018 03:24	LDS
100-41-4	Ethyl Benzene	6.6		ug/m ³	0.62	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.5	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
67-63-0	Isopropanol	4.9		ug/m ³	0.70	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.58	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.51	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-09-2	Methylene chloride	1.6		ug/m ³	0.99	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
142-82-5	n-Heptane	35		ug/m ³	0.58	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
110-54-3	n-Hexane	62		ug/m ³	0.50	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
95-47-6	o-Xylene	10		ug/m ³	0.62	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS



Sample Information

Client Sample ID: SV-06

York Sample ID: 18A0300-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Soil Vapor

January 10, 2018 3:00 pm

01/10/2018

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
179601-23-1	p- & m- Xylenes	15		ug/m ³	1.2	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
622-96-8	* p-Ethyltoluene	11		ug/m ³	0.70	1.42	EPA TO-15 Certifications:	01/13/2018 03:24	01/13/2018 03:24	LDS
115-07-1	* Propylene	190		ug/m ³	2.4	14.2	EPA TO-15 Certifications:	01/15/2018 11:57	01/15/2018 19:27	LDS
100-42-5	Styrene	2.4		ug/m ³	0.60	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
127-18-4	Tetrachloroethylene	72		ug/m ³	0.24	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
109-99-9	* Tetrahydrofuran	20		ug/m ³	0.84	1.42	EPA TO-15 Certifications:	01/13/2018 03:24	01/13/2018 03:24	LDS
108-88-3	Toluene	28		ug/m ³	0.54	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.56	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.64	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
79-01-6	Trichloroethylene	520		ug/m ³	1.9	14.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/15/2018 11:57	01/15/2018 19:27	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	9.1		ug/m ³	0.80	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.50	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.62	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.091	1.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 03:24	01/13/2018 03:24	LDS
	Surrogate Recoveries	Result					Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	102 %					70-130			
460-00-4	Surrogate: p-Bromofluorobenzene	118 %					70-130			

Sample Information

Client Sample ID: IA-01

York Sample ID: 18A0300-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Indoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE			RICHMOND HILL, NY 11418
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166			ClientServices@yorklab.com



Sample Information

Client Sample ID: IA-01

York Sample ID: 18A0300-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Indoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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 ³	0.37	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
95-63-6	1,2,4-Trimethylbenzene	3.3		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
108-67-8	1,3,5-Trimethylbenzene	0.81		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
78-93-3	2-Butanone	0.25		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS



Sample Information

Client Sample ID: IA-01

York Sample ID: 18A0300-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Indoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
108-10-1	4-Methyl-2-pentanone	0.90		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
67-64-1	Acetone	4.7		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
71-43-2	Benzene	2.6		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
56-23-5	Carbon tetrachloride	0.37		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
74-87-3	Chloromethane	0.97		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
110-82-7	Cyclohexane	0.35		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-71-8	Dichlorodifluoromethane	1.8		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS
100-41-4	Ethyl Benzene	1.5		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS



Sample Information

Client Sample ID: IA-01

York Sample ID: 18A0300-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Indoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
67-63-0	Isopropanol	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-09-2	Methylene chloride	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
142-82-5	n-Heptane	2.6		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
110-54-3	n-Hexane	0.49		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
95-47-6	o-Xylene	2.0		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
179601-23-1	p- & m- Xylenes	6.4		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
622-96-8	* p-Ethyltoluene	2.4		ug/m ³	0.26	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS
115-07-1	* Propylene	2.6		ug/m ³	0.092	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS
100-42-5	Styrene	0.43		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
127-18-4	Tetrachloroethylene	0.36		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.31	0.533	EPA TO-15 Certifications:	01/13/2018 04:33	01/13/2018 04:33	LDS
108-88-3	Toluene	4.2		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
79-01-6	Trichloroethylene	0.29		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	1.0		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 04:33	01/13/2018 04:33	LDS
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: IA-01

York Sample ID: 18A0300-07

<u>York Project (SDG) No.</u> 18A0300	<u>Client Project ID</u> 811-817 Lexington Ave.	<u>Matrix</u> Indoor Ambient Air	<u>Collection Date/Time</u> January 10, 2018 3:00 pm	<u>Date Received</u> 01/10/2018
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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
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			70-130					

Sample Information

Client Sample ID: OA-01

York Sample ID: 18A0300-08

<u>York Project (SDG) No.</u> 18A0300	<u>Client Project ID</u> 811-817 Lexington Ave.	<u>Matrix</u> Outdoor Ambient Air	<u>Collection Date/Time</u> January 10, 2018 3:00 pm	<u>Date Received</u> 01/10/2018
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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 ³	0.37	0.533	EPA TO-15 Certifications:	01/13/2018 05:43	01/13/2018 05:43	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.41		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.29	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.40	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
95-63-6	1,2,4-Trimethylbenzene	3.8		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.41	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS



Sample Information

Client Sample ID: OA-01

York Sample ID: 18A0300-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Outdoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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
108-67-8	1,3,5-Trimethylbenzene	1.1		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.35	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications:	01/13/2018 05:43	01/13/2018 05:43	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.32	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
78-93-3	2-Butanone	1.3		ug/m ³	0.16	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.44	0.533	EPA TO-15 Certifications:	01/13/2018 05:43	01/13/2018 05:43	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	0.83	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
67-64-1	Acetone	4.4		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.12	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
71-43-2	Benzene	1.0		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.28	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.36	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-25-2	Bromoform	ND		ug/m ³	0.55	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.17	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
56-23-5	Carbon tetrachloride	0.37		ug/m ³	0.084	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	0.25	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.14	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
67-66-3	Chloroform	ND		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS



Sample Information

Client Sample ID: OA-01

York Sample ID: 18A0300-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Outdoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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
74-87-3	Chloromethane	0.89		ug/m ³	0.11	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.053	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
110-82-7	Cyclohexane	0.24		ug/m ³	0.18	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.45	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-71-8	Dichlorodifluoromethane	2.2		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
141-78-6	* Ethyl acetate	0.73		ug/m ³	0.38	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
100-41-4	Ethyl Benzene	1.9		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.57	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
67-63-0	Isopropanol	0.30		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-09-2	Methylene chloride	0.41		ug/m ³	0.37	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
142-82-5	n-Heptane	0.55		ug/m ³	0.22	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
110-54-3	n-Hexane	0.64		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
95-47-6	o-Xylene	2.3		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
179601-23-1	p- & m- Xylenes	6.0		ug/m ³	0.46	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
622-96-8	* p-Ethyltoluene	4.0		ug/m ³	0.26	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
115-07-1	* Propylene	0.79		ug/m ³	0.092	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
100-42-5	Styrene	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
127-18-4	Tetrachloroethylene	0.58		ug/m ³	0.090	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
109-99-9	* Tetrahydrofuran	0.88		ug/m ³	0.31	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
108-88-3	Toluene	3.2		ug/m ³	0.20	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS



Sample Information

Client Sample ID: OA-01

York Sample ID: 18A0300-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18A0300

811-817 Lexington Ave.

Outdoor Ambient Air

January 10, 2018 3:00 pm

01/10/2018

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.21	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.24	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
79-01-6	Trichloroethylene	0.086		ug/m ³	0.072	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	0.93		ug/m ³	0.30	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.19	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.23	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.034	0.533	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/13/2018 05:43	01/13/2018 05:43	LDS
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	104 %	70-130							





Sample and Data Qualifiers Relating to This Work Order

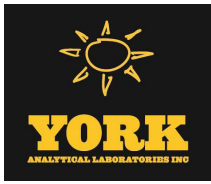
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to detected analytes only.

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.

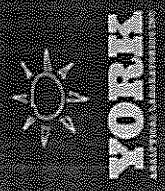


2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

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.



Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 18A0300

YOUR Information Company: <u>ALC Environmental</u> Address: <u>121 West 27th St</u> <u>New York, NY 10001</u> Phone No: <u>212 675 5544</u>		Report To: Company: <u>ALC Environmental</u> Address: <u>121 W 27th St</u> <u>New York, NY 10001</u> Phone No: <u>212 675 5544</u>		YOUR Project ID Purchase Order No. _____ Samples from: CT ___ NY ___ NJ ___		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type/Deliverables Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ NY ASP A Package _____ NY ASP B/CLP Pkg _____ NJDEP Reduced _____ Electronic Deliverables _____ EDD (Specify Type) _____ Standard Excel _____ Regulatory Comparison Excel _____	
Invoice To: Company: <u>Same</u> Address: <u>as Reports</u> Phone No. _____ Attention: _____ E-Mail Address: _____		Additional Notes: _____ _____ _____		Detection Limits Required ≤ 1 ug/m ³ _____ NYSDEC VI Limits _____ NJDEP low level _____ Routine Survey _____ Other _____		Special Instructions _____ _____ _____			

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.

Samples Collected/Authorized By (Signature)
Brian Mulder
 Name (printed)
Brian Mulder

Air Matrix Codes
 AI - INDOOR Ambient Air
 AO - OUTDOOR Amb. Air
 AE - Vapor Extraction Well/
 Process Gas/Effluent
 AS - SOIL Vapor/Sub-Slab

Please enter the following Field Data

Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Count ID
-29	-2	28309	6878
-32	-12	Y74	Y1
-30	0	24253	7606
-30	-1	20665	Y12
-30	-1	23989	7362
-27	0	18294	7269
-26	0	23998	6862
		23997	6873

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Count ID	ANALYSES REQUESTED	Sampling Media
SU-01	1/10/18	AS	-29	-2	28309	6878	TO-15	6 Liter canister Tedlar Bag
SU-02			-32	-12	Y74	Y1		6 Liter canister Tedlar Bag
SU-03			-30	0	24253	7606		6 Liter canister Tedlar Bag
SU-04			-30	-1	20665	Y12		6 Liter canister Tedlar Bag
SU-05			-30	-1	23989	7362		6 Liter canister Tedlar Bag
SU-06		AI	-27	0	18294	7269		6 Liter canister Tedlar Bag
IA-01		AO	-26	0	23998	6862		6 Liter canister Tedlar Bag
QA-01					23997	6873		6 Liter canister Tedlar Bag

Comments

Samples Relinquished By Brian Mulder Date/Time _____

Samples Relinquished By _____ Date/Time _____

Samples Received By Alex H Schwik Date/Time 1/10/18 17:55

Samples Received in LAB By _____ Date/Time _____