

**DT CONSULTING SERVICES, INC. &
BELLUCCI ENGINEERING, PLLC**

**Site Characterization and Sub-Slab Depressurization
System Pilot Test Report**

**65 Albany Avenue
Kingston, New York**

**BROWNFIELD CLEANUP PROGRAM (BCP)
SITE NUMBER 356060**

May 26, 2022

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Mr. Michael Kilmer
New York State Department of Environmental Conservation
Division of Environmental Remediation
21 South Putt Corners Road
New Paltz, New York 12561

RE: *Site Characterization and Sub-Slab Depressurization System Pilot Test Report*
65 Albany Avenue
Kingston, Ulster County, New York
Site No.: 356060

Dear Mr. Kilmer:

DT Consulting Services, Inc. (DTCS) and Bellucci Engineering, PLLC are pleased to present this *Site Characterization and Sub-Slab Depressurization System Pilot Test Report* for the above referenced property. This report documents the additional Site characterization and SSDS pilot testing work conducted at the Site as outlined in the February 11, 2022, *Site Characterization/ Interim Remedial Measure Work Plan*. If you should have any questions or require additional information, please contact our office.

Respectfully submitted,



Daniel Bellucci, P.E.
Bellucci Engineering, PLLC



Deborah Thompson, Senior Geologist
DT Consulting Services, Inc.

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1.0 INTRODUCTION AND BACKGROUND

The Subject Property is located at 65 Albany Avenue in the City of Kingston, Ulster County, New York (heretofore referenced as the Site or Subject Property). Refer to Figures 1 & 2 for a Site Location and Surrounding Land Use maps, respectively. The Site is not currently listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State (the Registry). Prior investigation activities have been conducted on the Site and the results of those investigations were submitted to the Department. Based upon these results, the Department has designated the Site as Site Number 356060 with a Classification of “P” pursuant to ECL 27-1305.

The Subject Property contains an irregular shaped lot which encompasses an area of approximately 1.90 acres. The Site is identified as Parcel ID 48.80-1-10.100 by the City of Kingston and is improved with a partial two-story slab-on-grade +/- 21,216-ft² structure. Records indicate that the commercial use of the Site dates back to the 1920s. Areas surrounding the building include asphalt paved parking surfaces, concrete walkways and landscape spaces. The current use of the Subject Property includes the rental of professional office spaces in two buildings designated as follows:

Designated Tenant Space	Occupant
<i>Building 1 – Ground Floor</i>	
Suite A	Allstate Insurance Company
Suite B	Spectrum Behavioral Health
Suite C	Mainly Pilates
Suite D/E	New York State Department of Building Standards and Codes
<i>Building 1 – Second Floor</i>	
Suite G	Landmark Development
<i>Building 2</i>	
51 Albany Avenue	New York Blood Center
53 Albany Avenue	Tri-County Care
55 Albany Avenue	Rose & Kieman, Inc.

The area surrounding the Subject Property is primarily characterized by commercial development. The following table lists the abutting properties:

Location	Occupant
North	Undeveloped land, NYS Interstate 587, and a residence (67 Albany Avenue)
South	Albany Avenue and residences

East	Commercial retail spaces, residential property, First Baptist Church
West	Commercial property: WMC Heath Alliance – Dialysis Center/Diabetes Center

Site topography is generally level and at grade with surrounding roadway, with a moderate slope to the north within the northern section of the parcel. There resides an unnamed pond, which borders the Subject Property to the north, while the Esopus Creek is located approximately 1,700 feet north of the Site. Electric and gas services is supplied by Central Hudson Gas & Electric, while potable water and sanitary services are supplied by The City of Kingston (Municipal). No groundwater supply wells were observed by representatives of this office during site inspections and no groundwater supply wells are known to be present or used on adjoining or nearby properties. Surface water runoff enters catch basins located throughout the property which appear to be dry well systems.

Several environmental assessments were conducted by various contractors on behalf of historical and current property owners of the Site in 2020. As a result of a Phase I Environmental Site Assessment (ESA) performed by Team Environmental Consultants (TEAM) of Monroe, New York, the following areas of potential environmental concern and/or "recognized environmental conditions (REC)" were identified and are associated with the subject property:

1. The historic operation of a dry cleaner and the on-Site use of dry-cleaning solvents represent a REC. City directory records list Pride Cleaners at 51 Albany Avenue from 1964 - 1986. Other historical documentation reflects that a commercial dry cleaning establishment existed in the western most tenant space of the current building in 1957.

Two Site characterization field studies have also been performed on the Subject Property to investigate the REC identified during the Phase I ESA. These include the following:

1. Site Investigation, January 31, 2020.
Northeastern Environmental Technologies Corp. (NETC)

The NETC subsurface investigation included collection of soil, groundwater, ambient air and sub-slab soil gas samples. Pertinent findings documented in the NETC's field study include the following:

- Low concentrations of cVOCs were detected in each of the soil samples collected during the Limited Phase II ESA. The relative concentrations indicated higher detections of the parent dry cleaning chemical tetrachloroethylene (PCE) were present at the rear services entrance of the tenant space historically occupied by Pride Cleaners. Of note, PCE was detected in one soil sample at a concentration of 5.1 micrograms per kilogram ($\mu\text{g}/\text{kg}$) above the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objective (SCO) of 1.3 $\mu\text{g}/\text{kg}$. However, the concentration of PCE in soil did not exceed the

Commercial SCO of 150 µg/kg. Additional cVOCs detected in subsurface soil did not surpass Unrestricted Use or Commercial Use SCOs;

- Dissolved phase chlorinated volatile organic compounds (cVOCs) cVOCs were also reported by the laboratory in each groundwater sample provided. Of note, concentrations of PCE detected (15 – 110 ug/L) were found to exceed the NYSDEC groundwater quality standard of 5 ug/L as denoted in Technical and Operational Guidance Series (TOGS) 1.1.1; and
- Reportable values of PCE were documented in a sub-slab soil gas samples ranging in concentrations from 148 – 7,460 micrograms per cubic meter (µg/m³) throughout the study area. These detections are above the New York State Department of Environmental Health (NYSDOH) mitigation threshold when compared to Matrix B, as appropriate. Lower concentrations of cVOCs were detected in soil gas samples collected on-Site, however when compared to NYSDOH Matrices, none required further action based upon the comparison contaminant concentration and reported indoor air quality.

2. Subsurface Site Characterization Report, September 9, 2020.

DT Consulting Services, Inc. (DTCS)

The DTCS Site Characterization Report included collection of soil, groundwater, ambient air and sub-slab soil gas samples. Pertinent findings documented in the DTCS's field study include the following:

- To provide additional data on current subsurface soil conditions, a total of four soil borings were advanced at the Subject Property. Upon review of analytical testing, DTCS concluded that most all soil boring locations were returned with either non-detectable concentrations of VOCs or with reported values which met unrestricted use SCOs;
- A total of four groundwater samples were obtained to characterize groundwater quality. Analysis of Site wells revealed minimal exceedances for PCE when compared to regulatory standards in two of the four wells sampled. The two remaining wells were either returned with non-detect or with low level dissolved phase cVOC concentrations which met or were below groundwater quality standards as referenced in TOGS 1.1.1.; and
- The results of soil vapor sampling indicate concentrations of cVOCs are present in each of the five soil gas and the two air samples collected from the Site. Concentrations of cVOCs including, but not limited to Trichloroethylene (TCE), 1,1-Dichloroethene (1-1 DCE), Carbon Tetrachloride and PCE were

reported in sub-slab soil gas samples collected on-Site. When compared with indoor air concentrations, the sub-slab PCE soil gas concentrations warrant “Mitigation” based on evaluation of the applicable NYSDOH Final Guidance on Soil Vapor Intrusion matrices.

This report summarizes the additional Site characterization field study and the SSDS pilot testing procedures conducted at the Site between April 1 and April 3, 2022. The purpose of the RI and IRM at the Site is to confirm groundwater quality within existing on-Site monitoring wells, confirm that there are no potential off-Site soil vapor impacts, and to collect sufficient data to design the appropriate SSDS to mitigate any vapor intrusion beneath the footprint of the Site structure.

2.0 ADDITIONAL SITE CHARACTERIZATION

2.1 SOIL BORINGS

In an effort to determine potential for offsite contamination, a total of five soil borings were advanced along the property boundary to the north and east of the building. See **Figure 3** for the soil boring locations.

On April 1, 2022, DTCS oversaw advancement of the investigative borings on the Site. The on-Site geologist/engineer screened the soil samples for environmental impacts and collected samples for laboratory analysis. All field work associated with the soil sampling program complied with the safety guidelines outlined in the Community Air Monitoring Program or (CAMP). The investigative borings were advanced to a depth of 30-feet below ground surface (bgs) using direct push Geoprobe drill rigs advancing four or five foot macro core sample tooling systems. Soil was collected continuously to the boring termination depth using disposable acetate sleeves. Each sample was screened for organic vapors with a photo-ionization detector (PID) and evaluated for visual and olfactory indications of environmental impacts. Soil descriptions and PID readings were recorded in boring logs included as **Appendix A**.

One shallow soil sample and one deep soil sample from the groundwater interface were collected from each soil boring. Table 2.1 below summarizes the soil sample designation and collection depths.

Table 2.1

Soil Sample Designation	Soil Sample Depth (Feet bgs)
SB-1A	1-3
SB-1B	23-27
SB-2A	1-3
SB-2B	23-27
SB-3A	1-3
SB-3B	23-27
SB-4A	1-3
SB-4B	23-27
SB-5A	1-3
SB-5B ¹	23-27

¹ Duplicate sample collected for SB-5B

Elevated PID headspace readings were not detected above background in soil screened from each of the five soil borings. Similarly, olfactory and visual evidence of contamination was not documented. Refer to soil boring logs in **Appendix A** for additional details.

Particulate and VOC monitoring was conducted continuously during ground intrusive work associated with the installation of each soil boring as per the NYSDEC/NYSDOH approved CAMP. No exceedances of the thresholds for VOCs and/or particulate set forth in the CAMP were observed. Field data sheets associated with the CAMP are included in **Appendix B**.

Each sample was collected for laboratory analysis of VOCs, Semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) Metals, Pesticides, Polychlorinated Biphenyl's or PCBs, and

Per- And Polyfluoroalkyl Substances or PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 537.1 respectively. Field quality control measures including duplicate, trip and field blanks were also collected and submitted to the laboratory for analysis.

2.1.1 Soil Sampling Results

A total of eleven soil samples were collected from the five soil boring locations (including one duplicate sample). The soil sample results are summarized in **Table 1** and are compared with NYSDEC 6 NYCRR Part 375-8.8(a) Unrestricted Use and NYCRR Part 375-8.8(b) Commercial Use SCOs. Soil samples collected during a subsurface investigation conducted in August 2020 are also presented in **Table 1**. The complete laboratory analytical reports are included in **Appendix C**.

VOCs

Methylene chloride was detected in each soil sample (August 2020 and April 2022) at concentrations ranging from 0.0140 to 0.0990 mg/kg. Five of the detected concentrations (April 2022 samples only) exceed the Unrestricted Use SCO (0.050 mg/kg). The detected concentrations were well below the Commercial Use SCO (500 mg/kg). Acetone was detected in a soil sample collected in August 2020 above the Unrestricted Use SCO (0.05 mg/kg) but well below the Commercial Use SCO (500 mg/kg). Acetone is known common laboratory cross contaminant. Low levels of PCE were detected in both soil samples collected from SB-5 at concentrations ranging from 0.007 to 0.0081 mg/kg. Both detected concentrations are well below the Unrestricted Use Soil Cleanup Objective (SCO) of 1.3 mg/kg. Both detections were flagged by the laboratory with the following qualification, *“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.”* PCE was not detected in the remaining soil samples collected from the Site. Ethanol was detected in a soil sample below the Unrestricted Use SCO.

SVOCs

Low levels of SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene, were detected in several shallow soil samples collected from the Site. The detected concentrations were below the Unrestricted and Commercial Use SCOs. SVOCs were not detected in the deep soil samples collected from the Site.

Pesticides

Low levels of pesticides including alpha-Chlordane, dieldrin, gamma-chlordane and heptachlor were detected in one shallow soil sample (SB-2A). The concentrations of alpha-chlordane and dieldrin (0.260 and 0.0140 mg/kg, respectively) exceed the Unrestricted Use SCOs (0.094 and 0.005 mg/kg, respectively). The remaining concentrations were below the Unrestricted Use SCOs. It should be noted that each detection was flagged by the laboratory with the following qualification, *“result is from an analysis that required a dilution.”* Pesticides were not detected in the remaining shallow and deep soil samples collected from the Site.

Metals

Lead was detected in three of the five shallow soil samples at concentrations ranging from 84.7 to 104 mg/kg, above the Unrestricted Use SCO (63 mg/kg) but well below the Commercial Use SCO (1,000 mg/kg). Additional metals detected in shallow and deep soil were below both Unrestricted and Commercial Use SCOs.

PCBs

PCBs were not detected in any of the soil samples collected from the Site.

PFAs

Perfluorooctanesulfonic acid (PFOS) was detected in three soil samples (two shallow and one deep) above the NYSDEC October 2020 Part 375 Unrestricted Use guidance value (0.88 µg/kg). The detected concentrations were well below the NYSDEC October 2020 Part 375 Commercial Use guidance value (440 µg/kg). No additional PFAS were detected in soil samples collected from the Site.

2.2 GROUNDWATER SAMPLING

Groundwater samples were collected from four existing Site monitoring wells (MW-1 through MW-4) installed in September 2020 during a prior subsurface investigation (See **Figure 3**) Prior to sampling, water level measurements were recorded to the nearest 0.01 foot prior sampling and a minimum of 3 well volumes were purged from each. Note, a minimum of 3 well volumes could not be purged from MW-1 based on slow recharge of water in this location. Table 2.2 includes groundwater sampling/ gauging data and observations:

Table 2.2

Well ID	Depth to Water (TOC ¹)	Total Depth (TOC ¹)	Purge Volume (gal)	Tubing Sample Depth (Feet bgs)	Odor (Y/N)	Sheen (Y/N)
MW-1	24.60	29.32	0.5 ²	28	N	N
MW-2 ³	24.71	30.39	1.5	28	N	N
MW-3	22.00	29.42	1.5	27	N	N
MW-4	24.90	29.40	1	27	N	N

TOC¹ – Depth to water and total depths measure to top of PVC casing.

² – Slow recharge at MW-1

³ Duplicate sample collected for MW-2

Groundwater samples were collected from the existing monitoring wells. The sampling was conducted in accordance with field sampling procedures outlined in Section 6.4 of the February 11, 2022, *Site Characterization Work Plan/ IRM Work Plan (Revised)*. Each sample was analyzed for VOCs, SVOCs, TAL Metals, Pesticides, PCBs, PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 537.1 respectively. Field quality control measures including trip and field blanks, along with a duplicate sample from MW-2, were collected and submitted to the chemical laboratory for analysis

2.2.1 Groundwater Sampling Results

The groundwater sample results are summarized in **Table 2** and compared with the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS). Groundwater samples collected during a sampling event conducted in August 2020 are also presented in **Table 2**. The complete laboratory analytical reports are included in **Appendix C**.

VOCs

PCE was detected in the groundwater samples collected from MW-3 and MW-4 at concentrations of 1.77 and 7.56 microgram per liter ($\mu\text{g/L}$), respectively. PCE was detected in these wells during a sampling event conducted in August 2020 at concentrations of 5.4 and 13 $\mu\text{g/L}$, respectively. The concentration detected during the April 2022 sampling event in MW-4 exceeds the AWQS (5 $\mu\text{g/L}$). The detected concentration of PCE in MW-2 and MW-4 are lower than the concentrations in August 2020 (5.4 and 13 $\mu\text{g/L}$). Similarly, PCE was detected in MW-1 at a concentration of 2.4 $\mu\text{g/L}$ during the August 2020 sampling event. PCE was non-detect in MW-1 during the April 2022 Site characterization event. PCE was not detected in MW-2 during either sampling event. Low concentrations of chloroform detected in MW-4 during both sampling events are below the AWQS. No additional VOCs were detected in the on-Site wells sampled.

SVOCs

One low level SVOC [bis(2-ethylhexyl)phthalate] was detected in each of the four wells at concentrations ranging from 0.830 $\mu\text{g/L}$ to 1.18 $\mu\text{g/L}$. All detections were flagged by the laboratory with the following qualifier, "*Analyte is found in the associated analysis batch blank.*" The concentrations detected are below the AWQS (5 $\mu\text{g/L}$). No additional SVOCs were detected in the on-Site wells sampled.

Pesticides

Pesticides were not detected in the groundwater samples collected from the Site.

Metals

Low concentrations of TAL metals were detected in each of the Site wells. Sodium was detected in excess of the AWQS (20,000 $\mu\text{g/L}$) at concentrations ranging from 147,000 to 1,810,000 $\mu\text{g/L}$ in each of the wells. Antimony was detected in excess of the AWQS (3 $\mu\text{g/L}$) in two wells ranging from 10.6 to 39 $\mu\text{g/L}$. None of these compounds were detected in soil samples above the Unrestricted Use SCO, suggesting these impacts are likely to be due to local groundwater quality.

PCBs

PCBs were not detected in the groundwater samples collected from the Site.

PFAs

Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected in each of the Site wells. The concentrations of PFOS in MW-3 and MW-4 (16.8 to 75.1 ng/L) exceed the NYDEC Part 375 PFAS Remedial Program Water, October 2020 Guidance Value (10 nanograms per liter (ng/L)). The concentration of PFOA in MW-4 (20.1 ng/L) exceeds the NYDEC Part 375 PFAS Remedial Program Water, October 2020 Guidance Value (10 ng/L). Additional PFAS detected in groundwater were below applicable guidance values.

2.3 EXTERIOR SOIL GAS POINT INSTALLATION

A total of three temporary exterior soil gas sampling points, designated ESG-1, ESG-2 and ESG-3, were installed along the property boundaries to the northeast, northwest and west of the Site structure (see **Figure 3**). The soil gas points were installed by advancing 1.25-inch solid stem direct push sample rods to a depth of 5-feet bgs. A dedicated soil vapor implant was installed at the base of the borehole and connected to the surface with dedicated high density polyethylene tubing. The annulus around the vapor implant will be filled with No. 2 filter sand to approximately 2 to 3-feet bgs. The remaining annulus was sealed with hydrated bentonite to the surface. Following installation, a MiniRae photoionization detector (which registers airflow below 0.2 liters per minute) was attached to the high-density polyethylene tubing and a minimum of three sample volumes was purged from each point. The maximum VOC readings recorded for each soil gas point during purging are presented in Table 2.3 below:

Table 2.3

Soil Gas Point	PID Reading in PPM (max)
ESG-1	0.1
ESG-2	0.5
ESG-3	0.1

The soil gas samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

Following sampling, the pressure of the SUMMA canister was recorded, and each soil gas point was removed from the ground, plugged with bentonite chips, and sealed at the surface with asphalt. The soil vapor samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory.

2.3.1 Exterior Soil Gas Sampling Results

PCE was detected in each of the three samples at concentrations ranging from 29 to 490 $\mu\text{g}/\text{m}^3$. The highest PCE concentration was detected at ESG-3, located along the western portion of the property and in proximity to MW-4, where peak PCE groundwater concentrations have been detected. TCE ($2.0 \mu\text{g}/\text{m}^3$) and cis-1,2-DCE ($0.25 \mu\text{g}/\text{m}^3$) were detected in ESG-3. Cis-1,2-DCE and TCE were detected in the remaining samples. Vinyl chloride was not detected in the samples collected.

Additional low-level exterior soil vapor contamination, typical of well-developed urban settings, has been identified at the Site; detected concentrations, however, are not likely to be indicative of grossly-contaminated on-Site soil or groundwater, or be a source of significant offsite migration.

2.4 SUB-SLAB SOIL GAS AND AIR SAMPLING

A total of five permanent interior sub-slab soil gas monitoring points (SG-1 through SG-5) were installed at the Site in December 2019 (see **Figure 3**). Each of these locations were re-sampled during this April 2022 Site characterization. Co-located indoor air samples were also collected from locations proximal to each soil gas point. One outdoor ambient air sample was collected from an upwind location to quantify potential background VOC concentrations.

Prior to sampling, a minimum of three sample volumes was purged from each point using a PID. The maximum VOC readings recorded for each soil gas point during purging are presented in Table 2.3 below:

Table 2.4

Soil Gas Point	PID Reading in PPM (max)
SG-1	0.0
SG-2	0.7
SG-3	0.3
SG-4	0.0
SG-5	0.0

The soil gas and air samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

The soil vapor and indoor/ outdoor air samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory.

2.4.1 Sub-slab Soil Gas and Air Sampling Results

The sub-slab soil gas sample results (August 2020 and April 2022) are summarized in **Table 4**. The indoor and outdoor air sample results (August 2020 and April 2022) are summarized in **Table 5**. The complete laboratory analytical reports are included in **Appendix C**.

The sub-slab soil gas samples were analyzed for VOCs (USEPA Method TO-15). PCE was detected in each of the samples at concentrations ranging from 200 to 5,600 $\mu\text{g}/\text{m}^3$. The highest concentration of PCE was detected at SG-2, located along the eastern/ central portion of the Site structure. Methylene chloride was detected in several locations at concentrations ranging from non-detect to 190 $\mu\text{g}/\text{m}^3$. Lower level TCE (Non-detect to 1.4 $\mu\text{g}/\text{m}^3$) and carbon tetrachloride (Non-detect to 0.69 $\mu\text{g}/\text{m}^3$) were reported in several sub-slab soil gas sample points. Cis-1,2-DCE, 1,1,1-TCA and vinyl chloride were not detected in sub-slab soil gas. Generally, the cVOC concentrations detected during the April 2022 sampling event were lower than the concentrations detected in August 2020.

Additional low-level sub-slab soil gas contamination, typical of well-developed urban settings, has been identified at the Site. Although reported, said laboratory reported parameters are not likely

to be indicative of grossly-contaminated on-Site subsurface medium, or be a source of significant offsite migration.

PCE was detected in indoor air at concentrations ranging from 8.4 to 180 $\mu\text{g}/\text{m}^3$. The highest PCE concentration was detected at SG-4, where PCE was detected in sub-slab soil gas at 2,500 $\mu\text{g}/\text{m}^3$. Methylene chloride was detected in indoor air at concentrations ranging from non-detect to 490 $\mu\text{g}/\text{m}^3$. The peak methylene chloride concentration (490 $\mu\text{g}/\text{m}^3$) was detected in the sample co-located with SG-1, where methylene chloride was detected in sub-slab soil gas at a concentration of 11 $\mu\text{g}/\text{m}^3$. The elevated indoor air concentration as compared to the soil gas suggests a possible indoor air source of methylene chloride within the tenanted space. Low-level TCE, carbon tetrachloride and vinyl chloride were detected in several indoor air samples.

A comparison of the sub-slab soil gas and indoor air data (April 2022) with the New York State Department of Health May 2017 Decision Matrices is provided in **Table 6**. The DOH Matrices include select cVOC compounds, including 1,1-DCE, cis-1,2-DCE, carbon tetrachloride, TCE (Matrix A), PCE, 1,1,1-TCA, methylene chloride (Matrix B) and vinyl chloride (Matrix C). A comparison of the data indicates mitigation of the building is warranted based on elevated PCE and methylene chloride in soil gas and indoor air. Identification of potential indoor air sources is recommended for the concentration of methylene chloride in the location of SG-1.

2.5 CAMP FIELD DATA

CAMP field data sheets are included in **Appendix B**. PM10 and PID readings were recorded approximately every 15-minutes during SC IRM field activities in accordance with the CAMP.

PID readings greater than background levels were not recorded during the field activities. PID readings did not exceed the Action Level specified within the CAMP (5 ppm).

PM10 readings significantly above background levels were not recorded during the field activities. PM10 readings did not exceed the Action Level specified within the CAMP (100 $\mu\text{g}/\text{m}^3$).

3.0 SSDS PILOT TEST FIELD ACTIVITIES

The purpose of the pilot test was to evaluate the effectiveness of a SSDS as a potential mitigation measure for cVOCs in soil vapor identified beneath the building. Field activities were conducted on April 2 and 3, 2022. **Tables 7, 8 and 9** include the tabulated data collected during the pilot test. **Figure 3** depicts the locations of the extraction wells and soil gas/vacuum monitoring points utilized during the pilot test program. **Figure 4** shows the estimated radius of influence generated during each of the 9 tests conducted at the Site. A description of the SSDS extraction well installation, vacuum monitoring point installation and other pilot/diagnostic test work is presented in the following sections.

3.1 EXTRACTION WELL AND VACUUM MONITORING POINT INSTALLATION

A total of five extraction wells were placed throughout the various floor tenant spaces. The wells were installed by wet core drilling a 4 and 5/8-inch diameter core through the existing concrete slab. In two locations, existing slab cores from a previous pilot test were utilized for pilot testing. The slab thickness varied in each location ranging from 5 to 6 -inches. Soils were removed from each extraction well to the extent feasible and the cavity was backfilled with 1 to 1.5-inch diameter gravel. Table 3.1 below summarizes the extraction well designations, slab thickness, sub-grade material description, approximate soil volume removed and the corresponding tenant spaces:

Table 3.1

Extraction Well Designation	Slab Thickness (inches)	Soil/ Sub-grade Description	Approximate Volume of Soil Removed (Gallons)	Location
EW-1	5	Gravel, underlain by fine sand and silt	5	Entrance @ southeast building corner off of Albany Avenue
EW-2	6	Gravel, underlain by fine sand and silt	5	Rose & Kiernan, southwest corner of building
EW-3	6	Gravel, underlain by fine sand and silt	5	NY Blood Center, northwest corner of building
EW-4	5-6	N/A ¹	N/A ¹	Rear hallway, Northeast corner of building
EW-5	5-6	N/A ¹	N/A ¹	Central hallway, central portion of building

N/A¹ – Cavity created by prior consultant

The SSDS extraction wells were constructed with a 4-inch PVC coupler sealed in the cored hole and connected to either 3or 4-inch schedule 40 PVC riser pipe. The space between the cored slab and PVC coupler was sealed with RadonAway® Pro Hybrid sealant. Note that all investigative/ well installation derived waste was properly containerized in DOT-approved 55-gallon steel drums for characterization and off-Site disposal.

A total of five permanent Vapor Pin® sub-slab soil gas/vacuum monitoring points (SG-1 to SG-5) were previously installed at the Site during investigative work conducted in August 2020. Five additional permanent Vapor Pin® sub-slab soil gas/vacuum monitoring points (SG-6 through SG-10) were installed during the pilot test to assist in vacuum field extension analysis. Two temporary stickup Vapor Pin® sub-slab soil gas/ vacuum monitoring points (herein TSG-1 and TSG-2) were discovered during pilot testing and utilized as vacuum monitoring points. All extraction well and vacuum monitoring point locations are depicted in **Figure 3**. New vacuum monitoring points were installed by drilling a 5/8-inch hole inside of a 1.5-inch hole (~2-inches deep). The 5/8-inch hole was drilled completely through the slab. Each point was recessed below the top of the slab and covered with a threaded 1.5-inch stainless steel flush-mount protective cover.

All extraction wells and vacuum monitoring point locations were selected in consultation with building ownership.

3.2 PILOT/DIAGNOSTIC TESTING

Pilot/diagnostic testing was conducted on April 3, 2022. A total of nine tests were conducted by extracting vapor from each of the five extraction wells. The two types of SSDS blowers/fans used during testing include:

- Obar® GBR89HA high flow fan
- RadonAway® HS5000 high vacuum fan

The fans were tested at various locations based on the discretion of the field staff conducting the test and the real time interpretation of the data. Generally, in locations where tight/densely packed soils requiring high vacuum for pressure field extension were encountered, use of the RadonAway® HS5000 was favored for data collection. Conversely, in locations where lower density/higher porosity material requiring high air flow for pressure field extension were encountered, use of the Obar® GBR89HA was favored for data collection.

During each test, vacuum monitoring points SG-1 through SG-10 and TSG-1 and TSG-2 were utilized as observation points. Extracted sub-slab vapors were routed through a 30-gallon granular activated carbon (GAC) drum for VOC removal. The treated discharge was subsequently channeled (via temporary piping) to the exterior of the building; a minimum 10-feet away from building intakes/openings and neighboring structures.

3.2.1 Equipment and Monitoring

During the pilot tests, a number of parameters were monitored and recorded to evaluate performance-related measurements. Velocity, recorded in feet per minute (FPM) and temperature documented in Degrees Fahrenheit were measured using a Dwyer® Air Velocity Meter. The velocity was converted to a flow rate in cubic feet per minute (CFM) using the inner diameter of a 3 or 4-inch schedule 40 PVC pipe, as appropriate¹. The velocity/flow readings were collected

¹ The Obar® GBR 89HA utilizes a 4-inch air intake
The RadonAway® HS5000 utilizes a 3-inch air intake

from an appropriately sized sample port, centered on the PVC pipe; a minimum of 2-feet from any bend/elbow or intake. Extracted vapor vacuum readings were collected in inches of water (in-H₂O) using a Dwyer Magnehelic® differential pressure gage and converted to inches of mercury (in-Hg). Sub-slab vacuum readings were also collected in in-H₂O using an Infiltec® DM1 micromanometer.

In summary, the following performance indicators shown in Table 3.2.1 were monitored during the pilot test:

Table 3.2.1

Monitored Parameter	Unit of Measure	Monitoring Location
Velocity/ Flow rate	Feet per minute (fpm) [converted to cubic feet per minute (cfm)]	Extraction Wells
Temperature	Degrees Fahrenheit (°F)	Extraction Wells
Vacuum	Inches of Water (in-H ₂ O) [converted to inches of mercury (in-Hg)]	Extraction Wells & Vacuum Monitoring Points
Total VOCs	Parts Per Million (ppm)	Extraction Wells (pre and post carbon)

3.3 ANALYTICAL TESTING

Analytical testing was performed to establish projected effluent concentrations and mass removal. One effluent sample was collected from each of the extraction wells. The grab samples were collected in batch cleaned 6-liter laboratory supplied summa canisters. The samples were collected at the end of each approximate 30-minute diagnostic test prior to effluent polishing with the GAC drum. The extracted vapor samples were submitted to York Analytical Laboratories, Inc. for VOC analysis using EPA Method TO-15. A copy of the technical reports have been placed in **Appendix C** for your reference.

3.4 CAMP FIELD DATA

CAMP field data sheets are included in **Appendix B**. PM10 and PID readings were recorded approximately every 15-minutes during SC IRM field activities in accordance with the CAMP.

PID readings greater than background levels were not recorded during the field activities. PID readings did not exceed the Action Level specified within the CAMP (5 ppm).

PM10 readings significantly above background levels were not recorded during the field activities. PM10 readings did not exceed the Action Level specified within the CAMP (100 µg/m³).

During Pilot Testing, extraction wells not being tested were sealed with an airtight expansion plug. It should be noted that tenants were not present in any of the spaces during implementation of the field activities.

4.0 PILOT/ DIAGNOSTIC TEST RESULTS

The findings of the pilot/diagnostic testing are presented in the following sub-sections. A vacuum was applied to each of five extraction wells during each diagnostic test. The wells not being tested were capped to minimize vacuum loss. A sampling/monitoring port installed in the temporary extraction piping before the carbon drum and fan allowed for collection of the system flow, vacuum, temperature and PID readings during each test. Each test was run for approximately 30-minutes, with system data collected approximately every 10-minutes.

Post-carbon treatment effluent readings were collected from the end of the exhaust pipe, outside of the building. These diagnostic results are summarized in **Table 7**.

4.1 EXTRACTION WELL AIR FLOW

The system removed soil vapor at average flow rates ranging from 23.3 to 90.4 CFM. Low air flow rates were observed in EW-1, EW-2, EW-3 and EW-4 ranging from 23.3 to 43 CFM. The low air flow rates are attributable to more densely packed soils observed in these locations, and other possible subsurface obstructions not observed. Dense/low permeability soils limit the amount of air flow to the extraction well, thus decreasing the radius of influence that can be established. Such soils require blowers capable of high vacuum at low air flow rates for pressure field extension.

High air flow was observed in EW-5 in the central portion of the building. The presence of subsurface utilities known to be location in the central portion of the building are likely a contributing factor to the high air flow observed during pilot testing.

The RadonAway® HS5000 fan can only be run at one constant output, whereas the Obar®GBR89HA fan has a potentiometer allowing for control of the fan output. The various outputs tested are included in **Table 7**. The final installed system will include optimization of air flow rates to balance the measured vacuum response created by the system.

4.2 EXTRACTION WELL VACUUM

Average vacuum readings ranging from 10.3 to 36.3 in-H₂O were recording during the tests. The vacuum readings correspond with the measured air flow rates with the highest vacuum observed in the wells with the lowest measured flow (EW-1, EW-2, EW-3 and EW-4). The lowest vacuum was observed in EW-5, where the highest air flow measurements were generally recorded. The measured vacuum and air flow readings generally correlate with the fan curves depicted below.

Figure 4.2.1 – GBR89HA Fan Curve (120V)

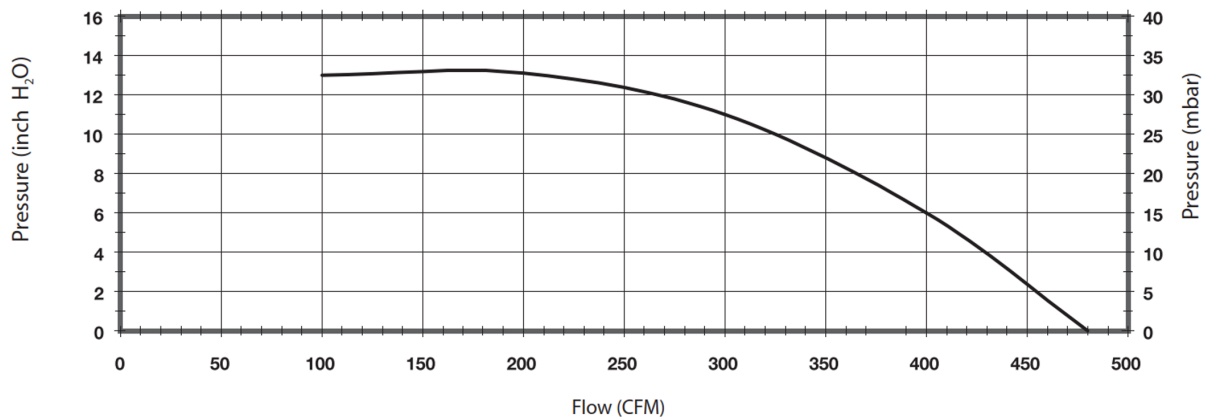
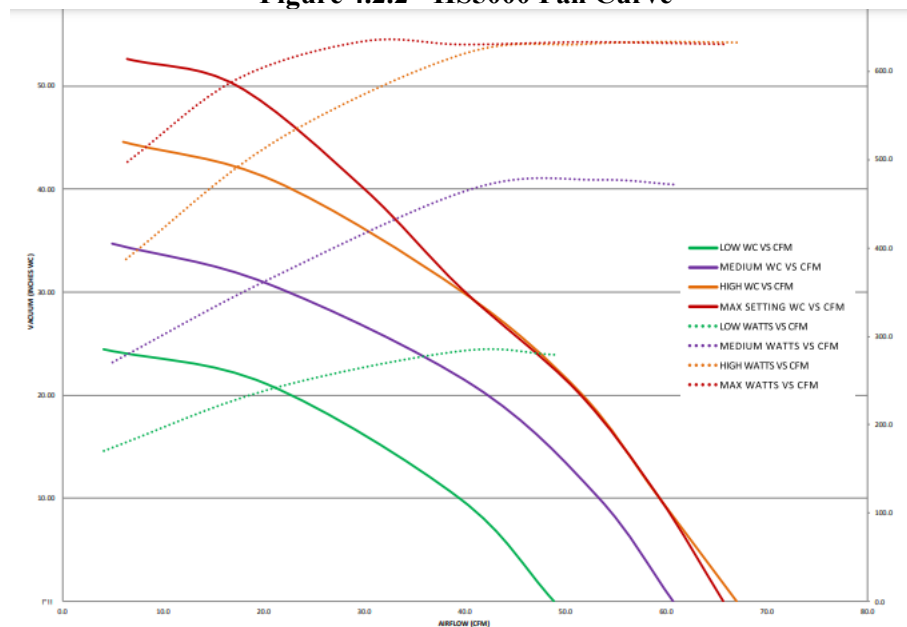


Figure 4.2.2 - HS5000 Fan Curve



4.3 EXTRACTION WELL TEMPERATURE

Average temperature readings ranged from 53.9 to 76.2 degrees Fahrenheit. The lowest temperature was recorded at EW-1 in the vacant hallway where no indoor air heating source is present. The temperature readings were incorporated into the mass removal calculations included in **Table 9**.

4.4 PRE-CARBON TREATMENT PID READINGS

PID readings were collected both pre- and post-carbon treatment during each test using a PID calibrated with an isobutylene standard gas. Low-level average VOC readings ranging from 0.1 to 2.7 ppm were recorded in effluent prior to carbon treatment. The highest concentrations were detected in EW-3 which is located in the location of the former dry cleaner tenant space. The highest PCE concentration was detected in the laboratory sample collected from EW-3 (See Section 4.7).

4.5 POST-CARBON TREATMENT PID READINGS

Post-carbon treatment average VOC readings were all recorded as 0.0 ppm. The post-treatment PID readings indicate the carbon was effective in removing the contaminants from the extracted vapor prior to the recovered air stream being discharged to exterior ambient air.

4.6 SUB-SLAB VACUUM RESPONSE

Vacuum response data for the vacuum monitoring points is summarized on **Table 8**. The vacuum response for each extraction well is depicted on **Figure 4 - Pilot Test Radius of Influence Map**. The readings were used to calculate an average vacuum created at each point during testing. Updated U.S. EPA guidance for vapor intrusion assessment and mitigation was released on June 15, 2015. The U.S. EPA has not issued a definite value for SSDS design; however, achieving a pressure differential of -0.004 in-H₂O across the slab is generally considered sufficient to mitigate vapor intrusion based on available industry guidance.

During each test, certain vacuum monitoring points were selected based on their proximity to the anticipated radius of influence for each extraction well. Testing was not conducted at vacuum monitoring points located far from the extraction well and/or where vacuum points proximal to the test well did not yield measurable vacuum.

Average vacuum readings greater -0.004 in-H₂O were recorded in eight of the twelve vacuum monitoring points. The measured average vacuum in these locations ranged from -0.005 to -0.127 in-H₂O. It should be noted the SG-5 could not be tested during one of Test #s 3 & 4 because the tenant space was not accessible (locked).

4.7 EXTRACTION WELL LABORATORY TESTING RESULTS

One effluent sample was collected before carbon treatment from each of the extraction wells. Elevated concentrations of PCE were detected in each of the effluent samples ranging from 1,000 to 71,000 µg/m³. The highest concentration was detected in EW-3 installed in the approximate location of the former dry cleaner tenant space. The next highest concentration of PCE was an order of magnitude lower (4,300 µg/m³) at EW-5. Relatively elevated methylene chloride was detected in EW-1 (270 µg/m³) and EW-5 (42 µg/m³). Low level TCE was detected in four of the five effluent samples.

Other low-level VOCs not included in the NYSDOH VI Matrices were detected in the extracted vapor samples.

The complete analytical reports including the chain of custody are included in **Appendix C**.

4.8 MASS REMOVAL

Table 9 presents the data and calculations used to determine the approximate mass of cVOCs removed from the vapor phase during each test. The mass removed from soil vapor was calculated using the laboratory analytical data, average vacuum, flow and temperature readings collected during pilot testing procedures. The mass removed during the analytical test was calculated using the following equation:

Volume of extracted gas was corrected for pressure and temperature using the following equation:

$$V = nRT/p$$

Where: V = volume of the gas

P = pressure of the gas

n = 1 lb-mole

R = ideal gas constant = 0.7302

T = absolute temperature (°F + 460)

The corrected volume of gas was used to calculate the mass removal using the following equation:

$$\text{Mass Removed} = [(1 / \text{Volume of gas corrected}) \times (\text{time elapsed}) \times (\text{Flow}) \times (\text{Concentration cVOC}) \times (\text{molecular weight cVOC})] / 1 \times 10^6$$

Empirically:

$$\text{lbs} = [(1 / V (\text{ft}^3 / \text{lb-mole})) \times (\text{minutes}) \times (\text{ft}^3 / \text{minute}) \times (\text{cVOC}_{\text{ppm}}) \times (165.83^{\text{PCE}} \text{ g / mole})] / 1 \times 10^6$$

where:

lbs = pounds

ppm = parts per million

time elapsed = minutes

molecular weight PCE = 165.83 g/mole

molecular weight TCE = 131.39 g/mole

molecular weight methylene chloride = 84.93 g/mole

The primary contaminant being removed is PCE, with some lower levels of TCE and methylene chloride. Other low-level VOCs detected are considered insignificant in the mass removal calculations and are not included in the calculation set.

The results of the mass removal calculations using the laboratory analytical data indicated a total of approximately 4.99×10^{-3} pounds of total mass (PCE, TCE and methylene chloride) were cumulatively removed during the pilot testing. The projected average removal rate for PCE, TCE and methylene chloride was calculated as 4.79×10^{-2} pounds per day if influent concentrations were to remain consistent with reported concentrations as measured during pilot testing.

4.9 AERSCREEN EVALUATION

The sub-slab samples collected during pilot testing from each extraction well were analyzed for VOCs to evaluate the toxicity and impacts on the receptors downwind using a dispersion model (AERSCREEN). AERSCREEN is a screening model based on the U.S. EPA AERMOD air quality dispersion model to predict ambient air concentrations attributed to a single source. The input parameters including total VOC concentrations, effluent loading rates, stack height, flow rates, temperature, velocity and the distance to the receptor (Estimated at 10 feet) were compared to the NYSDEC DAR Air Guidance (DAR-1) Guidelines for the Control of Toxic Ambient Air Contaminants, AERSCREEN computer program (**Table 10**). The average flow for each extraction

well during pilot testing was used in the AERSCREEN model. The generated concentrations were compared with Short-term Guideline Concentrations (SGCs) and Average-Annual Guidance Criteria (AGCs). A scenario was run for combined effluent assuming use of each of the five pilot test extraction wells. The model's predicted results for PCE, TCE and methylene chloride, did not exceed the concentration values for contaminants of concern listed within the SGC and AGC values. The pilot testing laboratory analytical data utilized in the AERSCREEN Model is included in **Appendix C**. The raw data inputs for the AERSCREEN model are included in **Appendix D**.

Accordingly, the results of pilot testing and the AERSCREEN model indicate that the levels to be discharged from the Site are acceptable for direct discharge to the atmosphere without vapor control during the full-scale SSD system operation. It should be noted that the pilot testing data used for the model are considered conservative as they were collected only 30 minutes after each pump test occurred. Effluent concentrations typically decrease significantly after the first month of operation in the absence of a significant groundwater plume or soil source areas. Effluent concentrations are expected to decrease with time based on the following factors:

- Cessation of on-Site dry-cleaning operations;
- The absence of a significant soil or groundwater source of cVOCs;

If additional testing indicates exceedance of ACGs/ SCGs, emissions controls will be considered for the Site.

5.0 SITE CHARACTERIZATION AND SSDS PILOT TEST FINDINGS

The objective of the Site Characterization was to provide documentation of soil and soil gas quality along the perimeter of the Site, to document local groundwater quality conditions via sampling of existing groundwater wells and to perform pilot testing for a SSDS proposed to mitigate vapor intrusion in the Site building.

5.1 SOIL

Low level VOCs, SVOCs, metals, pesticides and PFAS were detected in several soil samples collected from soil borings advanced along the property boundaries. The concentrations detected were all below Commercial Use SCOs. Source areas of elevated cVOCs in soil were not identified at the Site. PCBs were not detected in Site soils.

5.2 GROUNDWATER

A slightly elevated PCE concentration was detected in MW-3 (7.56 µg/L) above the AWQS of 5 µg/L. The concentration decreased from the detected concentration in August 2020 (13 µg/L). Similarly, the concentration of PCE in MW-3 decreased from 5.4 µg/L in August 2020 to 1.77 µg/L in April 2022. No other VOCs were detected above their respective AWQS value. Low level SVOC, metals and PFAS detected in groundwater were below their respective AWQS value. Pesticides and PCBs were not detected in groundwater samples collected from the Site.

5.3 EXTERIOR SOIL GAS

PCE was detected in each of the three exterior soil gas samples at concentrations ranging from 29 to 490 µg/m³. The highest PCE concentration of PCE was detected at ESG-3, located along the western portion of the property and in proximity to MW-4 where peak PCE groundwater concentrations have been detected. TCE (2.0 µg/m³) and cis-1,2-DCE (0.25 µg/m³) were also detected in ESG-3. Cis-1,2-DCE and TCE were detected in the remaining samples. Vinyl chloride was not detected in the samples collected

Additional low-level exterior soil vapor contamination, typical of well-developed urban settings, has been identified at the Site; detected concentrations, however, are not likely to be indicative of grossly-contaminated on-Site soil or groundwater, or be a source of significant offsite migration.

5.4 INTERIOR SUB-SLAB SOIL GAS AND INDOOR AIR

Elevated PCE and methylene chloride were detected in sub-slab soil gas samples collected throughout the building. These cVOCs were also found at elevated concentrations in co-located indoor air samples. A comparison of the sub-slab soil gas and indoor air data with the NYSDOH VI Matrices indicates mitigation of the building is warranted based on elevated PCE and methylene chloride in soil gas and indoor air.

5.5 SSDS PILOT TESTING

SSDS pilot testing indicates the majority of building is underlain by low permeability soils which require high vacuum, low air flow blowers to extend the radius of influence from each extraction well. Average vacuum readings greater -0.004 in-H₂O were recorded in eight of the twelve vacuum monitoring points. The measured average vacuum in these locations ranged from -0.005 to -0.127 in-H₂O. At least two new extraction wells, in addition to the five existing extractions, will be required to mitigate vapor intrusion beneath the space.

Elevated concentrations of PCE were detected in each of the effluent samples ranging from 1,000 to 71,000 µg/m³. The highest concentration was detected in EW-3 installed in the approximate location of the former dry cleaner tenant space. The concentrations of PCE, TCE and predicted results for PCE, TCE and methylene chloride, did not exceed the concentration values for contaminants of concern listed within the SGC and AGC values. Accordingly, effluent concentrations that will be generated by the SSDS should not require treatment prior to atmospheric discharge.

6.0 RECOMMENDATIONS

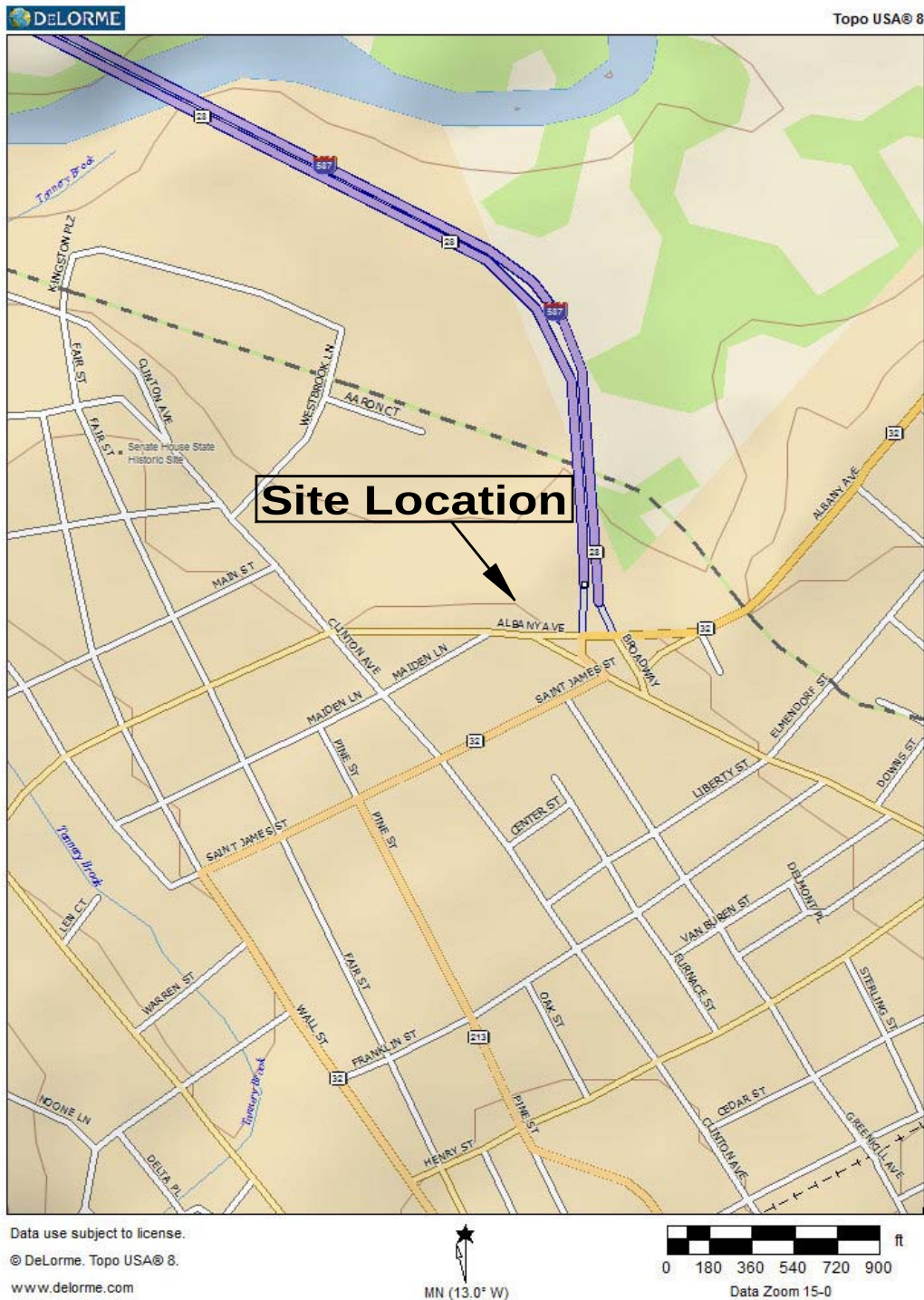
Off-Site Soil Gas & Indoor Air

Based on the elevated PCE detected in ESG-3, additional sampling along the western property boundary should be conducted. A Work Plan will be prepared and submitted to NYSDEC and DOH detailing the proposed property boundary sampling plan.

SSDS Design & Installation

As of the date of this report, a thorough evaluation of the SSDS design is currently underway. Considerations for system design include the number and sizing of blowers/fans, evaluation of the need for new extraction wells, evaluation of system effluent treatment, local permitting, and ongoing discussions with the NYSDEC and NYSDOH. A formal SSDS Design Document will be prepared for approval by the NYSDEC and NYSDOH prior to system installation.

FIGURES



Client: MMJD Equities, LLC

Site: 65 Albany Avenue, Kingston, New York

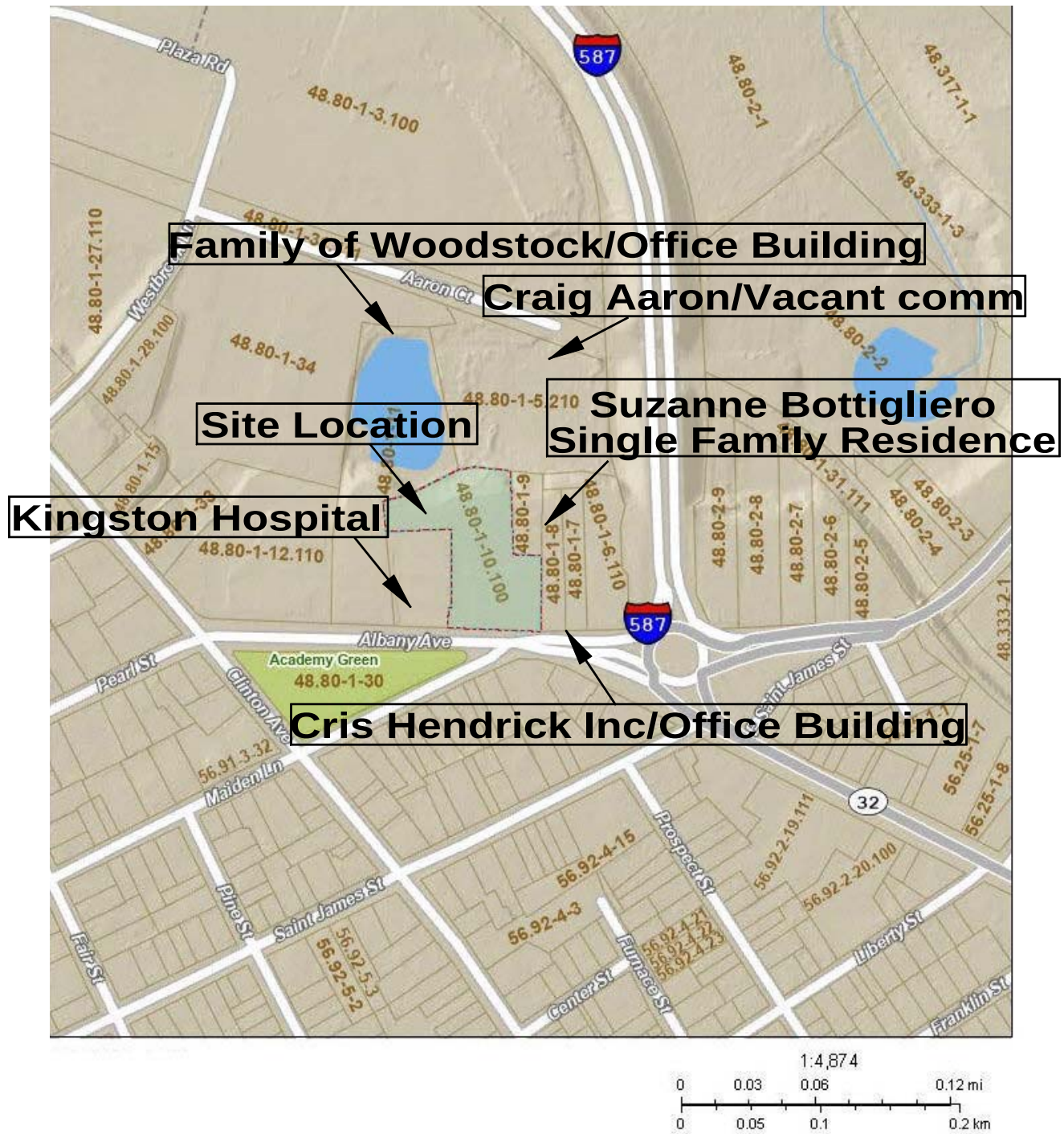
Site No.:
356060

Drawn by:
DJT

Scale:
Graphic

Site Location Plan

Figure No: 1



Client: MMJD Equities, LLC

Site: 65 Albany Avenue, Kingston, New York

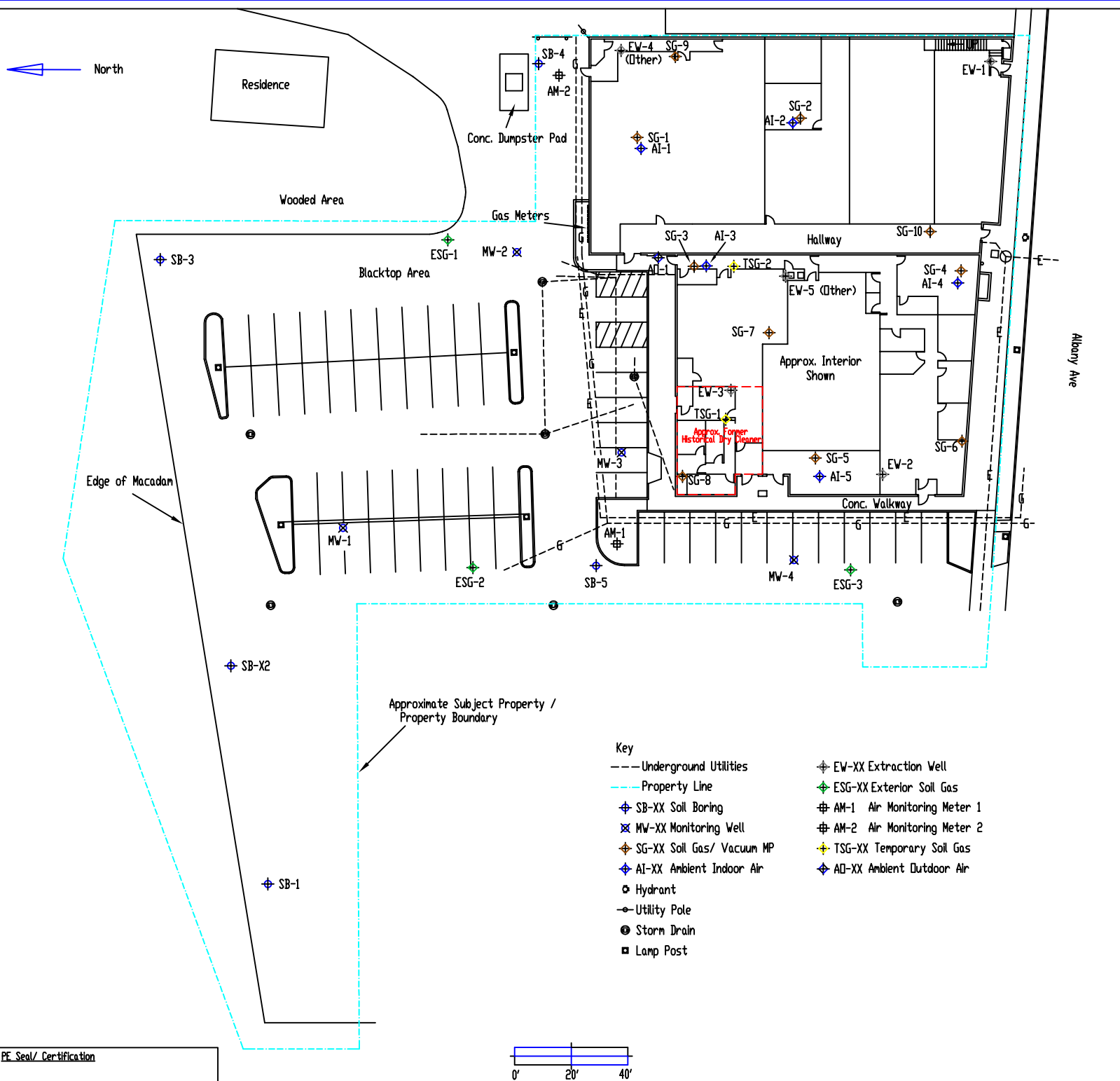
Site No.:
356060

Drawn by:
DJT

Scale:
Graphic

Surrounding Land Use

Figure No: 2



PE Seal/ Certification

DT Consulting Services & Bellucci Engineering PLLC	Client: MMJD Equities LLC			
	Location: 65 Albany Avenue, Kingston, Ulster County, New York			
	Title: IRM Sampling and Testing Location Map			
	Scale: Graphic	Base Map By: D.T.	Site #: 356060	Fig.# 3

North

Residence

Conc. Dumpster Pad

Wooded Area

Gas Meters

Blacktop Area

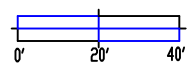
Edge of Macadam

Approximate Subject Property /
Property Boundary

Albany Ave

Key

- Underground Utilities
- - - Property Line
- ⊕ SB-XX Soil Boring
- ⊗ MW-XX Monitoring Well
- ⊕ SG-XX Soil Gas/ Vacuum MP
- ⊕ AI-XX Ambient Indoor Air
- ⊕ Hydrant
- ⊕ Utility Pole
- ⊕ Storm Drain
- ⊕ Lamp Post
- ⊕ EW-XX Extraction Well
- ⊕ ESG-XX Exterior Soil Gas
- ⊕ AM-1 Air Monitoring Meter 1
- ⊕ AM-2 Air Monitoring Meter 2
- ⊕ TSG-XX Temporary Soil Gas
- ⊕ AO-XX Ambient Outdoor Air
- EW-1 Radius of Influence
- EW-2 Radius of Influence
- EW-3 Radius of Influence
- EW-4 Radius of Influence
- EW-5 Radius of Influence



PE Seal/ Certification

DT Consulting Services		Client: MMJD Equities LLC	
& Bellucci Engineering PLLC		Location: 65 Albany Avenue, Kingston, Ulster County, New York	
		Title: Radius of Influence Map	
Scale: Graphic	Base Map By: D.T.	Site #: 356060	Fig.#: 4

TABLES

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1,1-Trichloroethane	0.68	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1-Dichloroethane	0.27	240	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1-Dichloroethylene	0.33	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,1-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2,4,5-Tetramethylbenzene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2,4-Trimethylbenzene	3.6	190	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2-Dibromoethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2-Dichlorobenzene	1.1	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2-Dichloroethane	0.02	30	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,2-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,3,5-Trimethylbenzene	8.4	190	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,3-Dichlorobenzene	2.4	280	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,3-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,4-Dichlorobenzene	1.8	130	0.00230	U	0.00260	U	0.00220	U	0.00230	U
1,4-Dioxane	0.1	130	0.0470	U	0.0520	U	0.0430	U	0.0470	U
2,2-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
2-Butanone	0.12	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
2-Chloroethylvinyl ether	~	~	0.00930	U	0.0100	U	0.00870	U	0.00940	U
2-Chlorotoluene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
2-Hexanone	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
4-Chlorotoluene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
4-Methyl-2-pentanone	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Acetone	0.05	500	0.00470	U	0.00520	U	0.0140		0.00470	U
Acrolein	~	~	0.00470	U	0.00520	U	0.00430	U	0.00470	U
Acrylonitrile	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Benzene	0.06	44	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Bromobenzene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Bromochloromethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Bromodichloromethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Bromoform	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Bromomethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Carbon disulfide	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Carbon tetrachloride	0.76	22	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Chlorobenzene	1.1	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Chloroethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U

ANALYTE DETECTED		J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO		
ANALYTE DETECTED ABOVE CU SCO		U=analyte not detected at or above the level indicated

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Chloroform	0.37	350	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Chloromethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
cis-1,2-Dichloroethylene	0.25	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Cyclohexane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Dibromochloromethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Dibromomethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Diisopropyl ether (DIPE)	~	~	0.00370	U	0.00420	U	0.00350	U	0.00370	U
Ethanol	~	~	0.0370	U	0.0420	U	0.0350	U	0.0370	U
Ethyl Benzene	1	390	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00370	U	0.00420	U	0.00350	U	0.00370	U
Hexachlorobutadiene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Iodomethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Isopropylbenzene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Methyl acetate	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Methyl Methacrylate	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Methylcyclohexane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Methylene chloride	0.05	500	0.0210		0.0570		0.0310		0.0680	
Naphthalene	12	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
n-Butylbenzene	12	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
n-Propylbenzene	3.9	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
o-Xylene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
p- & m- Xylenes	~	~	0.00470	U	0.00520	U	0.00430	U	0.00470	U
p-Diethylbenzene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
p-Ethyltoluene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
p-Isopropyltoluene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
sec-Butylbenzene	11	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Styrene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
tert-Amyl alcohol (TAA)	~	~	0.0370	U	0.0420	U	0.0350	U	0.0370	U
tert-Amyl methyl ether (TAME)	~	~	0.00370	U	0.00420	U	0.00350	U	0.00370	U
tert-Butyl alcohol (TBA)	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
tert-Butylbenzene	5.9	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Tetrachloroethylene	1.3	150	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Tetrahydrofuran	~	~	0.00470	U	0.00520	U	0.00430	U	0.00470	U
Toluene	0.7	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
trans-1,2-Dichloroethylene	0.19	500	0.00230	U	0.00260	U	0.00220	U	0.00230	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
trans-1,4-dichloro-2-butene	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Trichloroethylene	0.47	200	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Trichlorofluoromethane	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Vinyl acetate	~	~	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Vinyl Chloride	0.02	13	0.00230	U	0.00260	U	0.00220	U	0.00230	U
Xylenes, Total	0.26	500	0.00700	U	0.00780	U	0.00650	U	0.00700	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

J=analyte detected at or above the MDL
(method detection limit) but below the RL
(Reporting Limit) - data is estimated

U=analyte not detected at or above the level
indicated

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-3A 4/1/2022 1-3		SB-3B 4/1/2022 23-27		SB-4A 4/1/2022 1-3		SB-4B 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1,1-Trichloroethane	0.68	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1,2,2-Tetrachloroethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1,2-Trichloroethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1-Dichloroethane	0.27	240	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1-Dichloroethylene	0.33	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,1-Dichloropropylene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2,3-Trichlorobenzene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2,3-Trichloropropane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2,4,5-Tetramethylbenzene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2,4-Trichlorobenzene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2,4-Trimethylbenzene	3.6	190	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dibromo-3-chloropropane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dibromoethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dichlorobenzene	1.1	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dichloroethane	0.02	30	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,2-Dichloropropane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	190	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,3-Dichlorobenzene	2.4	280	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,3-Dichloropropane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,4-Dichlorobenzene	1.8	130	0.00200	U	0.00230	U	0.00240	U	0.00280	U
1,4-Dioxane	0.1	130	0.0410	U	0.0460	U	0.0480	U	0.0560	U
2,2-Dichloropropane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
2-Butanone	0.12	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
2-Chloroethylvinyl ether	~	~	0.00810	U	0.00930	U	0.00970	U	0.0110	U
2-Chlorotoluene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
2-Hexanone	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
4-Chlorotoluene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
4-Methyl-2-pentanone	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Acetone	0.05	500	0.00410	U	0.00570	J	0.00770	J	0.00640	J
Acrolein	~	~	0.00410	U	0.00460	U	0.00480	U	0.00560	U
Acrylonitrile	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Benzene	0.06	44	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Bromobenzene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Bromochloromethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Bromodichloromethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Bromoform	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Bromomethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Carbon disulfide	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Carbon tetrachloride	0.76	22	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Chlorobenzene	1.1	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Chloroethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U

ANALYTE DETECTED		J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO		
ANALYTE DETECTED ABOVE CU SCO		U=analyte not detected at or above the level indicated

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-3A 4/1/2022 1-3		SB-3B 4/1/2022 23-27		SB-4A 4/1/2022 1-3		SB-4B 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Chloroform	0.37	350	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Chloromethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
cis-1,2-Dichloroethylene	0.25	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
cis-1,3-Dichloropropylene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Cyclohexane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Dibromochloromethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Dibromomethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Dichlorodifluoromethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Diisopropyl ether (DIPE)	~	~	0.00320	U	0.00370	U	0.00390	U	0.00450	U
Ethanol	~	~	0.0320	U	0.130		0.0390	U	0.0450	U
Ethyl Benzene	1	390	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00320	U	0.00370	U	0.00390	U	0.00450	U
Hexachlorobutadiene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Iodomethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Isopropylbenzene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Methyl acetate	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Methyl Methacrylate	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Methylcyclohexane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Methylene chloride	0.05	500	0.0200		0.0430		0.0140		0.0810	
Naphthalene	12	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
n-Butylbenzene	12	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
n-Propylbenzene	3.9	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
o-Xylene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
p- & m- Xylenes	~	~	0.00410	U	0.00460	U	0.00480	U	0.00560	U
p-Diethylbenzene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
p-Ethyltoluene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
p-Isopropyltoluene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
sec-Butylbenzene	11	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Styrene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
tert-Amyl alcohol (TAA)	~	~	0.0320	U	0.0370	U	0.0390	U	0.0450	U
tert-Amyl methyl ether (TAME)	~	~	0.00320	U	0.00370	U	0.00390	U	0.00450	U
tert-Butyl alcohol (TBA)	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
tert-Butylbenzene	5.9	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Tetrachloroethylene	1.3	150	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Tetrahydrofuran	~	~	0.00410	U	0.00460	U	0.00480	U	0.00560	U
Toluene	0.7	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
trans-1,2-Dichloroethylene	0.19	500	0.00200	U	0.00230	U	0.00240	U	0.00280	U
trans-1,3-Dichloropropylene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
trans-1,4-dichloro-2-butene	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Trichloroethylene	0.47	200	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Trichlorofluoromethane	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Vinyl acetate	~	~	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Vinyl Chloride	0.02	13	0.00200	U	0.00230	U	0.00240	U	0.00280	U
Xylenes, Total	0.26	500	0.00610	U	0.00690	U	0.00730	U	0.00840	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

J=analyte detected at or above the MDL
(method detection limit) but below the RL
(Reporting Limit) - data is estimated

U=analyte not detected at or above the level
indicated

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q
VOCs, 8260								
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00250	U	0.00250	U
1,1,1-Trichloroethane	0.68	500	0.00230	U	0.00250	U	0.00250	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00250	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00250	U	0.00250	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00250	U	0.00250	U
1,1-Dichloroethane	0.27	240	0.00230	U	0.00250	U	0.00250	U
1,1-Dichloroethylene	0.33	500	0.00230	U	0.00250	U	0.00250	U
1,1-Dichloropropylene	~	~	0.00230	U	0.00250	U	0.00250	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00250	U	0.00250	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00250	U	0.00250	U
1,2,4,5-Tetramethylbenzene	~	~	0.00230	U	0.00250	U	0.00250	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00250	U	0.00250	U
1,2,4-Trimethylbenzene	3.6	190	0.00230	U	0.00250	U	0.00250	U
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00250	U	0.00250	U
1,2-Dibromoethane	~	~	0.00230	U	0.00250	U	0.00250	U
1,2-Dichlorobenzene	1.1	500	0.00230	U	0.00250	U	0.00250	U
1,2-Dichloroethane	0.02	30	0.00230	U	0.00250	U	0.00250	U
1,2-Dichloropropane	~	~	0.00230	U	0.00250	U	0.00250	U
1,3,5-Trimethylbenzene	8.4	190	0.00230	U	0.00250	U	0.00250	U
1,3-Dichlorobenzene	2.4	280	0.00230	U	0.00250	U	0.00250	U
1,3-Dichloropropane	~	~	0.00230	U	0.00250	U	0.00250	U
1,4-Dichlorobenzene	1.8	130	0.00230	U	0.00250	U	0.00250	U
1,4-Dioxane	0.1	130	0.0450	U	0.0510	U	0.0500	U
2,2-Dichloropropane	~	~	0.00230	U	0.00250	U	0.00250	U
2-Butanone	0.12	500	0.00230	U	0.00250	U	0.00250	U
2-Chloroethylvinyl ether	~	~	0.00900	U	0.0100	U	0.0100	U
2-Chlorotoluene	~	~	0.00230	U	0.00250	U	0.00250	U
2-Hexanone	~	~	0.00230	U	0.00250	U	0.00250	U
4-Chlorotoluene	~	~	0.00230	U	0.00250	U	0.00250	U
4-Methyl-2-pentanone	~	~	0.00230	U	0.00250	U	0.00250	U
Acetone	0.05	500	0.00920		0.00510	U	0.00670	J
Acrolein	~	~	0.00450	U	0.00510	U	0.00500	U
Acrylonitrile	~	~	0.00230	U	0.00250	U	0.00250	U
Benzene	0.06	44	0.00230	U	0.00250	U	0.00250	U
Bromobenzene	~	~	0.00230	U	0.00250	U	0.00250	U
Bromochloromethane	~	~	0.00230	U	0.00250	U	0.00250	U
Bromodichloromethane	~	~	0.00230	U	0.00250	U	0.00250	U
Bromoform	~	~	0.00230	U	0.00250	U	0.00250	U
Bromomethane	~	~	0.00230	U	0.00250	U	0.00250	U
Carbon disulfide	~	~	0.00230	U	0.00250	U	0.00250	U
Carbon tetrachloride	0.76	22	0.00230	U	0.00250	U	0.00250	U
Chlorobenzene	1.1	500	0.00230	U	0.00250	U	0.00250	U
Chloroethane	~	~	0.00230	U	0.00250	U	0.00250	U

ANALYTE DETECTED		J=analyte detected at or above the MDL
ANALYTE DETECTED ABOVE UU SCO		(method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE CU SCO		U=analyte not detected at or above the level indicated

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q
Chloroform	0.37	350	0.00230	U	0.00250	U	0.00250	U
Chloromethane	~	~	0.00230	U	0.00250	U	0.00250	U
cis-1,2-Dichloroethylene	0.25	500	0.00230	U	0.00250	U	0.00250	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00250	U	0.00250	U
Cyclohexane	~	~	0.00230	U	0.00250	U	0.00250	U
Dibromochloromethane	~	~	0.00230	U	0.00250	U	0.00250	U
Dibromomethane	~	~	0.00230	U	0.00250	U	0.00250	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00250	U	0.00250	U
Diisopropyl ether (DIPE)	~	~	0.00360	U	0.00410	U	0.00400	U
Ethanol	~	~	0.0360	U	0.0410	U	0.0400	U
Ethyl Benzene	1	390	0.00230	U	0.00250	U	0.00250	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00360	U	0.00410	U	0.00400	U
Hexachlorobutadiene	~	~	0.00230	U	0.00250	U	0.00250	U
Iodomethane	~	~	0.00230	U	0.00250	U	0.00250	U
Isopropylbenzene	~	~	0.00230	U	0.00250	U	0.00250	U
Methyl acetate	~	~	0.00230	U	0.00250	U	0.00250	U
Methyl Methacrylate	~	~	0.00230	U	0.00250	U	0.00250	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00230	U	0.00250	U	0.00250	U
Methylcyclohexane	~	~	0.00230	U	0.00250	U	0.00250	U
Methylene chloride	0.05	500	0.0590		0.0540		0.0990	
Naphthalene	12	500	0.00230	U	0.00250	U	0.00250	U
n-Butylbenzene	12	500	0.00230	U	0.00250	U	0.00250	U
n-Propylbenzene	3.9	500	0.00230	U	0.00250	U	0.00250	U
o-Xylene	~	~	0.00230	U	0.00250	U	0.00250	U
p- & m- Xylenes	~	~	0.00450	U	0.00510	U	0.00500	U
p-Diethylbenzene	~	~	0.00230	U	0.00250	U	0.00250	U
p-Ethyltoluene	~	~	0.00230	U	0.00250	U	0.00250	U
p-Isopropyltoluene	~	~	0.00230	U	0.00250	U	0.00250	U
sec-Butylbenzene	11	500	0.00230	U	0.00250	U	0.00250	U
Styrene	~	~	0.00230	U	0.00250	U	0.00250	U
tert-Amyl alcohol (TAA)	~	~	0.0360	U	0.0410	U	0.0400	U
tert-Amyl methyl ether (TAME)	~	~	0.00360	U	0.00410	U	0.00400	U
tert-Butyl alcohol (TBA)	~	~	0.00230	U	0.00250	U	0.00250	U
tert-Butylbenzene	5.9	500	0.00230	U	0.00250	U	0.00250	U
Tetrachloroethylene	1.3	150	0.00300	J	0.00810		0.00700	
Tetrahydrofuran	~	~	0.00450	U	0.00510	U	0.00500	U
Toluene	0.7	500	0.00230	U	0.00250	U	0.00250	U
trans-1,2-Dichloroethylene	0.19	500	0.00230	U	0.00250	U	0.00250	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00250	U	0.00250	U
trans-1,4-dichloro-2-butene	~	~	0.00230	U	0.00250	U	0.00250	U
Trichloroethylene	0.47	200	0.00230	U	0.00250	U	0.00250	U
Trichlorofluoromethane	~	~	0.00230	U	0.00250	U	0.00250	U
Vinyl acetate	~	~	0.00230	U	0.00250	U	0.00250	U
Vinyl Chloride	0.02	13	0.00230	U	0.00250	U	0.00250	U
Xylenes, Total	0.26	500	0.00680	U	0.00760	U	0.00750	U

ANALYTE DETECTED		J=analyte detected at or above the MDL
ANALYTE DETECTED ABOVE UU SCO		(method detection limit) but below the RL
ANALYTE DETECTED ABOVE CU SCO		(Reporting Limit) - data is estimated
		U=analyte not detected at or above the level
		indicated

Table 1 - SVOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270										
1,4-Dioxane	0.1	130	0.0196	U	0.0192	U	0.0196	U	0.0190	U
1,1-Biphenyl	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
1,2,4-Trichlorobenzene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
1,2-Dichlorobenzene	1.1	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
1,3-Dichlorobenzene	2.4	280	0.0441	U	0.0489	U	0.0443	U	0.0504	U
1,4-Dichlorobenzene	1.8	130	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2,3,4,6-Tetrachlorophenol	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
2,4,5-Trichlorophenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2,4,6-Trichlorophenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2,4-Dichlorophenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2,4-Dimethylphenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2,4-Dinitrophenol	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
2,4-Dinitrotoluene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2,6-Dinitrotoluene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2-Chloronaphthalene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2-Chlorophenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2-Methylnaphthalene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2-Methylphenol	0.33	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
2-Nitroaniline	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
2-Nitrophenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
3- & 4-Methylphenols	0.33	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
3,3-Dichlorobenzidine	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
3-Nitroaniline	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
4,6-Dinitro-2-methylphenol	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
4-Bromophenyl phenyl ether	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
4-Chloro-3-methylphenol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
4-Chloroaniline	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
4-Chlorophenyl phenyl ether	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
4-Nitroaniline	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
4-Nitrophenol	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
Acenaphthene	20	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Acenaphthylene	100	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Acetophenone	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Aniline	~	~	0.176	U	0.195	U	0.177	U	0.201	U
Anthracene	100	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Atrazine	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Benzaldehyde	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Benidine	~	~	0.176	U	0.195	U	0.177	U	0.201	U
Benzo(a)anthracene	1	5.6	0.0441	U	0.0489	U	0.0523	JD	0.0504	U
Benzo(a)pyrene	1	1	0.0441	U	0.0489	U	0.0586	JD	0.0504	U
Benzo(b)fluoranthene	1	5.6	0.0441	U	0.0489	U	0.0537	JD	0.0504	U

ANALYTE DETECTED	J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO	
ANALYTE DETECTED ABOVE CU SCO	U=analyte not detected at or above the level indicated
	D=result is from an analysis that required a dilution

Table 1 - SVOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(g,h,i)perylene	100	500	0.0441	U	0.0489	U	0.0473	JD	0.0504	U
Benzo(k)fluoranthene	0.8	56	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Benzoic acid	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Benzyl alcohol	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Benzyl butyl phthalate	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Bis(2-chloroethoxy)methane	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Bis(2-chloroethyl)ether	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Bis(2-chloroisopropyl)ether	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Bis(2-ethylhexyl)phthalate	~	~	0.0795	JD	0.0489	U	0.0443	U	0.0504	U
Caprolactam	~	~	0.0880	U	0.0976	U	0.0884	U	0.101	U
Carbazole	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Chrysene	1	56	0.0441	U	0.0489	U	0.0502	JD	0.0504	U
Dibenzo(a,h)anthracene	0.33	0.56	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Dibenzofuran	7	350	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Diethyl phthalate	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Dimethyl phthalate	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Di-n-butyl phthalate	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Di-n-octyl phthalate	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Fluoranthene	100	500	0.0441	U	0.0489	U	0.0975	D	0.0504	U
Fluorene	30	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Hexachlorobenzene	0.33	6	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Hexachlorobutadiene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Hexachlorocyclopentadiene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Hexachloroethane	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0441	U	0.0489	U	0.0530	JD	0.0504	U
Isophorone	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Naphthalene	12	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Nitrobenzene	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
N-Nitrosodimethylamine	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
N-nitroso-di-n-propylamine	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
N-Nitrosodiphenylamine	~	~	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Pentachlorophenol	0.8	6.7	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Phenanthrene	100	500	0.0441	U	0.0489	U	0.0494	JD	0.0504	U
Phenol	0.33	500	0.0441	U	0.0489	U	0.0443	U	0.0504	U
Pyrene	100	500	0.0441	U	0.0489	U	0.0939	D	0.0504	U

ANALYTE DETECTED	J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO	
ANALYTE DETECTED ABOVE CU SCO	U=analyte not detected at or above the level indicated
	D=result is from an analysis that required a dilution

Table 1 - SVOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID	NYSDEC Part	NYSDEC Part	SB-3A		SB-3B		SB-4A		SB-4B	
Sampling Date	375	375 Restricted	4/1/2022		4/1/2022		4/1/2022		4/1/2022	
Depth (feet bgs)	Unrestricted	Use Soil	1-3		23-27		1-3		23-27	
ALL UNITS IN MG/KG (PPM)	Use Soil	Cleanup	Result	Q	Result	Q	Result	Q	Result	Q
Cleanup	Objectives	Objectives-Commercial								
SVOCs, 8270										
1,4-Dioxane	0.1	130	0.0194	U	0.0187	U	0.0185	U	0.0187	U
1,1-Biphenyl	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
1,2,4-Trichlorobenzene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
1,2-Dichlorobenzene	1.1	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
1,3-Dichlorobenzene	2.4	280	0.0436	U	0.0449	U	0.0464	U	0.0552	U
1,4-Dichlorobenzene	1.8	130	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2,3,4,6-Tetrachlorophenol	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
2,4,5-Trichlorophenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2,4,6-Trichlorophenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2,4-Dichlorophenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2,4-Dimethylphenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2,4-Dinitrophenol	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
2,4-Dinitrotoluene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2,6-Dinitrotoluene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2-Chloronaphthalene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2-Chlorophenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2-Methylnaphthalene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2-Methylphenol	0.33	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
2-Nitroaniline	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
2-Nitrophenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
3- & 4-Methylphenols	0.33	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
3,3-Dichlorobenzidine	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
3-Nitroaniline	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
4,6-Dinitro-2-methylphenol	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
4-Bromophenyl phenyl ether	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
4-Chloro-3-methylphenol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
4-Chloroaniline	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
4-Chlorophenyl phenyl ether	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
4-Nitroaniline	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
4-Nitrophenol	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
Acenaphthene	20	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Acenaphthylene	100	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Acetophenone	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Aniline	~	~	0.174	U	0.180	U	0.185	U	0.221	U
Anthracene	100	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Atrazine	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Benzaldehyde	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Benzidine	~	~	0.174	U	0.180	U	0.185	U	0.221	U
Benzo(a)anthracene	1	5.6	0.102	D	0.0449	U	0.0464	U	0.0552	U
Benzo(a)pyrene	1	1	0.107	D	0.0449	U	0.0464	U	0.0552	U
Benzo(b)fluoranthene	1	5.6	0.0974	D	0.0449	U	0.0464	U	0.0552	U

ANALYTE DETECTED	J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO	
ANALYTE DETECTED ABOVE CU SCO	U=analyte not detected at or above the level indicated
	D=result is from an analysis that required a dilution

Table 1 - SVOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID	NYSDEC Part 375	NYSDEC Part 375 Restricted	SB-3A		SB-3B		SB-4A		SB-4B	
Sampling Date	375	375 Restricted	4/1/2022		4/1/2022		4/1/2022		4/1/2022	
Depth (feet bgs)	Unrestricted	Use Soil	1-3		23-27		1-3		23-27	
ALL UNITS IN MG/KG (PPM)	Use Soil	Cleanup	Result	Q	Result	Q	Result	Q	Result	Q
Cleanup Objectives	Objectives-Commercial									
Benzo(g,h,i)perylene	100	500	0.0849	JD	0.0449	U	0.0464	U	0.0552	U
Benzo(k)fluoranthene	0.8	56	0.0849	JD	0.0449	U	0.0464	U	0.0552	U
Benzoic acid	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Benzyl alcohol	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Benzyl butyl phthalate	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Bis(2-chloroethoxy)methane	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Bis(2-chloroethyl)ether	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Bis(2-chloroisopropyl)ether	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Bis(2-ethylhexyl)phthalate	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Caprolactam	~	~	0.0870	U	0.0897	U	0.0926	U	0.110	U
Carbazole	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Chrysene	1	56	0.101	D	0.0449	U	0.0464	U	0.0552	U
Dibenzo(a,h)anthracene	0.33	0.56	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Dibenzofuran	7	350	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Diethyl phthalate	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Dimethyl phthalate	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Di-n-butyl phthalate	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Di-n-octyl phthalate	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Fluoranthene	100	500	0.200	D	0.0449	U	0.0464	U	0.0552	U
Fluorene	30	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Hexachlorobenzene	0.33	6	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Hexachlorobutadiene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Hexachlorocyclopentadiene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Hexachloroethane	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0883	D	0.0449	U	0.0464	U	0.0552	U
Isophorone	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Naphthalene	12	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Nitrobenzene	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
N-Nitrosodimethylamine	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
N-nitroso-di-n-propylamine	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
N-Nitrosodiphenylamine	~	~	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Pentachlorophenol	0.8	6.7	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Phenanthrene	100	500	0.128	D	0.0449	U	0.0464	U	0.0552	U
Phenol	0.33	500	0.0436	U	0.0449	U	0.0464	U	0.0552	U
Pyrene	100	500	0.186	D	0.0449	U	0.0464	U	0.0552	U

ANALYTE DETECTED	J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO	
ANALYTE DETECTED ABOVE CU SCO	U=analyte not detected at or above the level indicated
	D=result is from an analysis that required a dilution

Table 1 - SVOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q
SVOCs, 8270								
1,4-Dioxane	0.1	130	0.0183	U	0.0194	U	0.0198	U
1,1-Biphenyl	~	~	0.0436	U	0.0436	U	0.0447	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0870	U	0.0870	U	0.0892	U
1,2,4-Trichlorobenzene	~	~	0.0436	U	0.0436	U	0.0447	U
1,2-Dichlorobenzene	1.1	500	0.0436	U	0.0436	U	0.0447	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0436	U	0.0436	U	0.0447	U
1,3-Dichlorobenzene	2.4	280	0.0436	U	0.0436	U	0.0447	U
1,4-Dichlorobenzene	1.8	130	0.0436	U	0.0436	U	0.0447	U
2,3,4,6-Tetrachlorophenol	~	~	0.0870	U	0.0870	U	0.0892	U
2,4,5-Trichlorophenol	~	~	0.0436	U	0.0436	U	0.0447	U
2,4,6-Trichlorophenol	~	~	0.0436	U	0.0436	U	0.0447	U
2,4-Dichlorophenol	~	~	0.0436	U	0.0436	U	0.0447	U
2,4-Dimethylphenol	~	~	0.0436	U	0.0436	U	0.0447	U
2,4-Dinitrophenol	~	~	0.0870	U	0.0870	U	0.0892	U
2,4-Dinitrotoluene	~	~	0.0436	U	0.0436	U	0.0447	U
2,6-Dinitrotoluene	~	~	0.0436	U	0.0436	U	0.0447	U
2-Chloronaphthalene	~	~	0.0436	U	0.0436	U	0.0447	U
2-Chlorophenol	~	~	0.0436	U	0.0436	U	0.0447	U
2-Methylnaphthalene	~	~	0.0436	U	0.0436	U	0.0447	U
2-Methylphenol	0.33	500	0.0436	U	0.0436	U	0.0447	U
2-Nitroaniline	~	~	0.0870	U	0.0870	U	0.0892	U
2-Nitrophenol	~	~	0.0436	U	0.0436	U	0.0447	U
3- & 4-Methylphenols	0.33	500	0.0436	U	0.0436	U	0.0447	U
3,3-Dichlorobenzidine	~	~	0.0436	U	0.0436	U	0.0447	U
3-Nitroaniline	~	~	0.0870	U	0.0870	U	0.0892	U
4,6-Dinitro-2-methylphenol	~	~	0.0870	U	0.0870	U	0.0892	U
4-Bromophenyl phenyl ether	~	~	0.0436	U	0.0436	U	0.0447	U
4-Chloro-3-methylphenol	~	~	0.0436	U	0.0436	U	0.0447	U
4-Chloroaniline	~	~	0.0436	U	0.0436	U	0.0447	U
4-Chlorophenyl phenyl ether	~	~	0.0436	U	0.0436	U	0.0447	U
4-Nitroaniline	~	~	0.0870	U	0.0870	U	0.0892	U
4-Nitrophenol	~	~	0.0870	U	0.0870	U	0.0892	U
Acenaphthene	20	500	0.0436	U	0.0436	U	0.0447	U
Acenaphthylene	100	500	0.0436	U	0.0436	U	0.0447	U
Acetophenone	~	~	0.0436	U	0.0436	U	0.0447	U
Aniline	~	~	0.174	U	0.174	U	0.179	U
Anthracene	100	500	0.0436	U	0.0436	U	0.0447	U
Atrazine	~	~	0.0436	U	0.0436	U	0.0447	U
Benzaldehyde	~	~	0.0436	U	0.0436	U	0.0447	U
Benzidine	~	~	0.174	U	0.174	U	0.179	U
Benzo(a)anthracene	1	5.6	0.0436	U	0.0436	U	0.0447	U
Benzo(a)pyrene	1	1	0.0436	U	0.0436	U	0.0447	U
Benzo(b)fluoranthene	1	5.6	0.0436	U	0.0436	U	0.0447	U

ANALYTE DETECTED	J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO	
ANALYTE DETECTED ABOVE CU SCO	U=analyte not detected at or above the level indicated
	D=result is from an analysis that required a dilution

Table 1 - SVOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q
Benzo(g,h,i)perylene	100	500	0.0436	U	0.0436	U	0.0447	U
Benzo(k)fluoranthene	0.8	56	0.0436	U	0.0436	U	0.0447	U
Benzoic acid	~	~	0.0436	U	0.0436	U	0.0447	U
Benzyl alcohol	~	~	0.0436	U	0.0436	U	0.0447	U
Benzyl butyl phthalate	~	~	0.0436	U	0.0436	U	0.0447	U
Bis(2-chloroethoxy)methane	~	~	0.0436	U	0.0436	U	0.0447	U
Bis(2-chloroethyl)ether	~	~	0.0436	U	0.0436	U	0.0447	U
Bis(2-chloroisopropyl)ether	~	~	0.0436	U	0.0436	U	0.0447	U
Bis(2-ethylhexyl)phthalate	~	~	0.0436	U	0.0436	U	0.0447	U
Caprolactam	~	~	0.0870	U	0.0870	U	0.0892	U
Carbazole	~	~	0.0436	U	0.0436	U	0.0447	U
Chrysene	1	56	0.0436	U	0.0436	U	0.0447	U
Dibenzo(a,h)anthracene	0.33	0.56	0.0436	U	0.0436	U	0.0447	U
Dibenzofuran	7	350	0.0436	U	0.0436	U	0.0447	U
Diethyl phthalate	~	~	0.0436	U	0.0436	U	0.0447	U
Dimethyl phthalate	~	~	0.0436	U	0.0436	U	0.0447	U
Di-n-butyl phthalate	~	~	0.0436	U	0.0436	U	0.0447	U
Di-n-octyl phthalate	~	~	0.0436	U	0.0436	U	0.0447	U
Fluoranthene	100	500	0.0436	U	0.0436	U	0.0447	U
Fluorene	30	500	0.0436	U	0.0436	U	0.0447	U
Hexachlorobenzene	0.33	6	0.0436	U	0.0436	U	0.0447	U
Hexachlorobutadiene	~	~	0.0436	U	0.0436	U	0.0447	U
Hexachlorocyclopentadiene	~	~	0.0436	U	0.0436	U	0.0447	U
Hexachloroethane	~	~	0.0436	U	0.0436	U	0.0447	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.0436	U	0.0436	U	0.0447	U
Isophorone	~	~	0.0436	U	0.0436	U	0.0447	U
Naphthalene	12	500	0.0436	U	0.0436	U	0.0447	U
Nitrobenzene	~	~	0.0436	U	0.0436	U	0.0447	U
N-Nitrosodimethylamine	~	~	0.0436	U	0.0436	U	0.0447	U
N-nitroso-di-n-propylamine	~	~	0.0436	U	0.0436	U	0.0447	U
N-Nitrosodiphenylamine	~	~	0.0436	U	0.0436	U	0.0447	U
Pentachlorophenol	0.8	6.7	0.0436	U	0.0436	U	0.0447	U
Phenanthrene	100	500	0.0436	U	0.0436	U	0.0447	U
Phenol	0.33	500	0.0436	U	0.0436	U	0.0447	U
Pyrene	100	500	0.0436	U	0.0436	U	0.0447	U

ANALYTE DETECTED	J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
ANALYTE DETECTED ABOVE UU SCO	
ANALYTE DETECTED ABOVE CU SCO	U=analyte not detected at or above the level indicated
	D=result is from an analysis that required a dilution

Table 1 - Pesticide Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted	NYSDEC Part 375 Restricted Use Soil	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27		SB-3A 4/1/2022 1-3		SB-3B 4/1/2022 23-27		SB-4A 4/1/2022 1-3	
ALL UNITS IN MG/KG (PPM)	Use Soil Cleanup Objectives	Cleanup Objectives- Commercial	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES, 8081																
4,4'-DDD	0.0033	92	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
4,4'-DDE	0.0033	62	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
4,4'-DDT	0.0033	47	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Aldrin	0.005	0.68	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
alpha-BHC	0.02	3.4	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
alpha-Chlordane	0.094	24	0.00174	U	0.00192	U	0.260	D	0.00196	U	0.0205	D	0.00180	U	0.00183	U
beta-BHC	0.036	3	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Chlordane, total	~	~	0.0347	U	0.0385	U	0.819	D	0.0393	U	0.0698	D	0.0361	U	0.0365	U
delta-BHC	0.04	500	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Dieldrin	0.005	1.4	0.00174	U	0.00192	U	0.0140	D	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Endosulfan I	2.4	200	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Endosulfan II	2.4	200	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Endosulfan sulfate	2.4	200	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Endrin	0.014	89	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Endrin aldehyde	~	~	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Endrin ketone	~	~	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
gamma-BHC (Lindane)	0.1	9.2	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
gamma-Chlordane	~	~	0.00174	U	0.00192	U	0.183	D	0.00196	U	0.0152	D	0.00180	U	0.00183	U
Heptachlor	0.042	15	0.00174	U	0.00192	U	0.0227	D	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Heptachlor epoxide	~	~	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Methoxychlor	~	~	0.00174	U	0.00192	U	0.00178	U	0.00196	U	0.00170	U	0.00180	U	0.00183	U
Toxaphene	~	~	0.174	U	0.192	U	0.178	U	0.196	U	0.170	U	0.180	U	0.183	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

Table 1 - Pesticide Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-4B 4/1/2022 23-27		SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES, 8081														
4,4'-DDD	0.0033	92	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
4,4'-DDE	0.0033	62	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
4,4'-DDT	0.0033	47	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Aldrin	0.005	0.68	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
alpha-BHC	0.02	3.4	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
alpha-Chlordane	0.094	24	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
beta-BHC	0.036	3	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Chlordane, total	~	~	0.0347	U	0.0385	U	0.0443	U	0.0344	U	0.0343	U	0.0353	U
delta-BHC	0.04	500	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Dieldrin	0.005	1.4	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Endosulfan I	2.4	200	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Endosulfan II	2.4	200	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Endosulfan sulfate	2.4	200	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Endrin	0.014	89	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Endrin aldehyde	~	~	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Endrin ketone	~	~	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
gamma-BHC (Lindane)	0.1	9.2	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
gamma-Chlordane	~	~	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Heptachlor	0.042	15	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Heptachlor epoxide	~	~	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Methoxychlor	~	~	0.00174	U	0.00192	U	0.00221	U	0.00172	U	0.00172	U	0.00176	U
Toxaphene	~	~	0.174	U	0.192	U	0.221	U	0.172	U	0.172	U	0.176	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

Table 1 - Metals Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27		SB-3A 4/1/2022 1-3		SB-3B 4/1/2022 23-27		SB-4A 4/1/2022 1-3	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, 6010 and 7473																
Aluminum	~	~	9,880		7,350		10,400		6,540		7,400		6,930		11,600	
Antimony	~	~	3.450		5.330		2.720	U	4.830		4.840		4.710		5.970	
Arsenic	13	16	8.860		1.780	U	8.480		3.740		1.570	U	3.850		2.380	
Barium	350	400	51.5		28.8		82.1		26.1		18.9		26.5		57.7	
Beryllium	7.2	590	0.291		0.179		0.410		0.201		0.252		0.215		0.362	
Cadmium	2.5	9.3	0.528		0.356	U	0.611		0.368	U	0.331		0.332	U	0.342	U
Calcium	~	~	17,700		335		44,400		586		345		558		1,330	
Chromium	~	~	11.700		9.210		13.400		8.670		9.360		8.600		12.900	
Cobalt	~	~	6.930		7.240		8.770		6.440		6.540		6.380		7.970	
Copper	50	270	21.4		12.7		23.8		11.8		12.2		11.4		18.9	
Iron	~	~	17,700		15,300		19,600		15,200		15,900		15,500		20,700	
Lead	63	1000	84.7		5.160		104		4.330		4.170		4.360		98.1	
Magnesium	~	~	3,170		2,330		4,180		2,320		2,600		2,630		3,390	
Manganese	1600	10000	438		385		603		324		344		375		645	
Nickel	30	310	3.060		1.190	U	4.800		1.230	U	2.940		1.110	U	1.530	
Potassium	~	~	1,080		1,000		1,240		962		830		955		876	
Selenium	3.9	1500	2.660	U	2.960	U	2.720	U	3.060	U	2.620	U	2.770	U	2.850	U
Silver	2	1500	0.531	U	0.593	U	0.544	U	0.613	U	0.523	U	0.554	U	0.570	U
Sodium	~	~	216		141		513		149		99.700		95.300		243	
Thallium	~	~	2.660	U	2.960	U	2.720	U	3.060	U	2.620	U	2.770	U	2.850	U
Vanadium	~	~	15.2		10.9		17.8		9.8		9.8		9.5		15.2	
Zinc	109	10000	86.2		35.5		80.7		37		36.1		36.9		51.5	
Mercury	0.18	2.8	0.0453		0.0356	U	0.104		0.0368	U	0.0314	U	0.0332	U	0.0342	U
Cyanide, total	27	27	0.531	U	0.593	U	0.544	U	0.613	U	0.523	U	0.554	U	0.570	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

Table 1 - Metals Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-4B 4/1/2022 23-27		SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Metals, 6010 and 7473										
Aluminum	~	~	7,380		10,100		6,920		7,640	
Antimony	~	~	4.270		5.480		4.030		4.800	
Arsenic	13	16	2.040	U	1.760		1.610	U	1.620	U
Barium	350	400	29.9		27.9		29.4		32.9	
Beryllium	7.2	590	0.220		0.293		0.209		0.235	
Cadmium	2.5	9.3	0.408	U	0.319	U	0.321	U	0.324	U
Calcium	~	~	542		238		300		364	
Chromium	~	~	10.100		11.700		8.850		10.200	
Cobalt	~	~	6.920		7.120		6.090		6.620	
Copper	50	270	13		14		10.5		11.8	
Iron	~	~	15,800		18,200		14,600		17,000	
Lead	63	1000	4.970		4.540		3.100		3.670	
Magnesium	~	~	2,670		2,930		2,470		2,780	
Manganese	1600	10000	348		420		331		363	
Nickel	30	310	1.360	U	1.790		1.270		1.360	
Potassium	~	~	1,120		876		858		905	
Selenium	3.9	1500	3.400	U	2.660	U	2.680	U	2.700	U
Silver	2	1500	0.680	U	0.532	U	0.536	U	0.540	U
Sodium	~	~	102		759		247		294	
Thallium	~	~	3.400	U	2.660	U	2.680	U	2.700	U
Vanadium	~	~	10.3		12.2		8.6		9.5	
Zinc	109	10000	40.9		40		34.4		37.4	
Mercury	0.18	2.8	0.0408	U	0.0489		0.0321	U	0.0324	U
Cyanide, total	27	27	0.680	U	0.532	U	0.536	U	0.540	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

Table 1 - PCB Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27		SB-3A 4/1/2022 1-3		SB-3B 4/1/2022 23-27		SB-4A 4/1/2022 1-3	
Sampling Date			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Depth (feet bgs)																
ALL UNITS IN MG/KG (PPM)																
PCBs, 8082																
Aroclor 1016	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1221	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1232	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1242	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1248	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1254	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1260	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1262	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Aroclor 1268	~	~	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U
Total PCBs	0.1	1	0.0175	U	0.0194	U	0.0180	U	0.0198	U	0.0172	U	0.0182	U	0.0184	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicated

Table 1 - PCB Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID	NYSDEC Part	NYSDEC Part	SB-4B		SB-5A		SB-5B		SB-5B Dup	
Sampling Date	375	375	4/1/2022		4/1/2022		4/1/2022		4/1/2022	
Depth (feet bgs)	Unrestricted	Restricted	23-27		1-3		23-27		23-27	
ALL UNITS IN MG/KG (PPM)	Use Soil Cleanup Objectives	Use Soil Cleanup Objectives-	Result	Q	Result	Q	Result	Q	Result	Q
PCBs, 8082										
Aroclor 1016	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1221	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1232	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1242	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1248	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1254	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1260	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1262	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Aroclor 1268	~	~	0.0224	U	0.0174	U	0.0173	U	0.0178	U
Total PCBs	0.1	1	0.0224	U	0.0174	U	0.0173	U	0.0178	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

U=analyte not detected at or above the level indicate

Table 1 - PFAS Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted- Oct2020	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial- Oct2020	SB-1A 4/1/2022 1-3		SB-1B 4/1/2022 23-27		SB-2A 4/1/2022 1-3		SB-2B 4/1/2022 23-27		SB-3A 4/1/2022 1-3		SB-3B 4/1/2022 23-27	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
N-EtFOSAA	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
N-MeFOSAA	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorodecanoic acid (PFDA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorododecanoic acid (PFDoA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorohexanoic acid (PFHxA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorononanoic acid (PFNA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorooctanesulfonic acid (PFOS)	0.88	440	1.730		0.287	U	0.344		5.190		0.254	U	0.264	U
Perfluorooctanoic acid (PFOA)	0.66	500	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoropentanoic acid (PFPeA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.258	U	0.287	U	0.266	U	0.305	U	0.254	U	0.264	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE Unrestricted Guidance

ANALYTE DETECTED ABOVE Commercial Guidance

U=analyte not detected at or above the level indicated

Table 1 - PFAS Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Depth (feet bgs)	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted- Oct2020	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial- Oct2020	SB-4A 4/1/2022 0:00 1-3		SB-4B 4/1/2022 23-27		SB-5A 4/1/2022 1-3		SB-5B 4/1/2022 23-27		SB-5B Dup 4/1/2022 23-27	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
N-EtFOSAA	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
N-MeFOSAA	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorodecanoic acid (PFDA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorododecanoic acid (PFDoA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorohexanoic acid (PFHxA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorononanoic acid (PFNA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorooctanesulfonic acid (PFOS)	0.88	440	1.190		0.332	U	0.262	U	0.264	U	0.265	U
Perfluorooctanoic acid (PFOA)	0.66	500	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoropentanoic acid (PFPeA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.273	U	0.332	U	0.262	U	0.264	U	0.265	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE Unrestricted Guidance

ANALYTE DETECTED ABOVE Commercial Guidance

U=analyte not detected at or above the level indicated

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	SB-1 / MW-1 8/12/2020 21-23		SB-2 / MW-2 8/12/2020 24-26		SB-3 / MW-3 8/12/2020 24-26		SB-4 / MW-4 8/13/2020 24-26	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1,1-Trichloroethane	0.68	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1-Dichloroethane	0.27	240	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1-Dichloroethylene	0.33	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,1-Dichloropropylene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2,4-Trimethylbenzene	3.6	190	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2-Dibromoethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2-Dichlorobenzene	1.1	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2-Dichloroethane	0.02	30	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,2-Dichloropropane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,3,5-Trimethylbenzene	8.4	190	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,3-Dichlorobenzene	2.4	280	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,3-Dichloropropane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,4-Dichlorobenzene	1.8	130	0.00230	U	0.00280	U	0.00240	U	0.00250	U
1,4-Dioxane	0.1	130	0.0460	U	0.0560	U	0.0490	U	0.0500	U
2,2-Dichloropropane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
2-Butanone	0.12	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
2-Chlorotoluene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
4-Chlorotoluene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Acetone	0.05	500	0.0500		0.0520		0.0370		0.0440	
Benzene	0.06	44	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Bromobenzene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Bromochloromethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Bromodichloromethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Bromoform	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Bromomethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Carbon tetrachloride	0.76	22	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Chlorobenzene	1.1	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Chloroethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Chloroform	0.37	350	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Chloromethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
cis-1,2-Dichloroethylene	0.25	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Dibromochloromethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Dibromomethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U

Table 1 - VOC Soil Data
65 Albany Avenue, Kingston, NY
Site #356060

Ethyl Benzene	1	390	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Hexachlorobutadiene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Isopropylbenzene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Methylene chloride	0.05	500	0.0220		0.0180		0.0140		0.0160	
Naphthalene	12	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
n-Butylbenzene	12	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
n-Propylbenzene	3.9	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
o-Xylene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
p- & m- Xylenes	~	~	0.00460	U	0.00560	U	0.00490	U	0.00500	U
p-Isopropyltoluene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
sec-Butylbenzene	11	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Styrene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
tert-Butylbenzene	5.9	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Tetrachloroethylene	1.3	150	0.00230	U	0.00280	U	0.00460	J	0.00960	
Toluene	0.7	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
trans-1,2-Dichloroethylene	0.19	500	0.00230	U	0.00280	U	0.00240	U	0.00250	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Trichloroethylene	0.47	200	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Trichlorofluoromethane	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Vinyl acetate	~	~	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Vinyl Chloride	0.02	13	0.00230	U	0.00280	U	0.00240	U	0.00250	U
Xylenes, Total	0.26	500	0.00690	U	0.00840	U	0.00730	U	0.00760	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE CU SCO

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

Table 2- VOC Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	AWQS	MW-1				MW-2				MW-2 Dup		MW-3				MW-4				Trip Blank	
Sampling Date		8/13/2020		4/1/2022		8/13/2020		4/1/2022		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		4/1/2022	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260																					
1,1,1,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloropropylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4,5-Tetramethylbenzene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	0.04	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromoethane	0.0006	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	~	NT		40	U	NT		40	U	40	U	NT		40	U	NT		40	U	40	U
2,2-Dichloropropane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Butanone	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
2-Hexanone	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Chlorotoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	50	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Acrolein	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Acrylonitrile	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U

Site #356060

Sample ID	AWQS	MW-1				MW-2				MW-2 Dup		MW-3				MW-4				Trip Blank	
		8/13/2020		4/1/2022		8/13/2020		4/1/2022		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		4/1/2022	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
ALL UNITS IN MICROGRAMS PER LITER (µg/L)																					
Benzene	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromoform	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1.800	U	1.160	U	0.200	U
Chloromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyclohexane	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Dibromochloromethane	50	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Diisopropyl ether (DIPE)	~	NT		0.400	U	NT		0.400	U	0.400	U	NT		0.400	U	NT		0.400	U	0.400	U
Ethyl Benzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl tert-butyl ether (ETBE)	~	NT		0.400	U	NT		0.400	U	0.400	U	NT		0.400	U	NT		0.400	U	0.400	U
Hexachlorobutadiene	0.5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Iodomethane	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl acetate	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Methyl Methacrylate	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylcyclohexane	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Methylene chloride	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Naphthalene	10	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	~	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U

Table 2- VOC Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID Sampling Date	AWQS	MW-1				MW-2				MW-2 Dup		MW-3				MW-4				Trip Blank	
		8/13/2020		4/1/2022		8/13/2020		4/1/2022		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		4/1/2022	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
p-Diethylbenzene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Amyl alcohol (TAA)	~	NT		4	U	NT		4	U	4	U	NT		4	U	NT		4	U	4	U
tert-Amyl methyl ether (TAME)	~	NT		0.400	U	NT		0.400	U	0.400	U	NT		0.400	U	NT		0.400	U	0.400	U
tert-Butyl alcohol (TBA)	~	NT		0.500	U	NT		0.500	U	0.500	U	NT		0.500	U	NT		0.500	U	0.500	U
tert-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	5	2.4		0.200	U	0.200	U	0.200	U	0.200	U	5.4		1.77		13		7.56		0.200	U
Tetrahydrofuran	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Toluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,4-dichloro-2-butene	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Trichloroethylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl acetate	~	NT		0.200	U	NT		0.200	U	0.200	U	NT		0.200	U	NT		0.200	U	0.200	U
Vinyl Chloride	2	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	5	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 2 - SVOC Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	AWQS	MW-1		MW-2		MW-2 Dup		MW-3		MW-4	
Sampling Date		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270											
1,4-Dioxane	~	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U
1,1-Biphenyl	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
1,2,4,5-Tetrachlorobenzene	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,3,4,6-Tetrachlorophenol	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4,5-Trichlorophenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4,6-Trichlorophenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dichlorophenol	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dimethylphenol	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dinitrophenol	10	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,4-Dinitrotoluene	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2,6-Dinitrotoluene	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Chloronaphthalene	10	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Chlorophenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Methylnaphthalene	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Methylphenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Nitroaniline	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
2-Nitrophenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
3- & 4-Methylphenols	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
3,3-Dichlorobenzidine	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
3-Nitroaniline	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4,6-Dinitro-2-methylphenol	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Bromophenyl phenyl ether	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chloro-3-methylphenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chloroaniline	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Chlorophenyl phenyl ether	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Nitroaniline	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
4-Nitrophenol	1	5.260	U	5	U	5	U	5	U	5	U
Acetophenone	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Benzaldehyde	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Benzyl butyl phthalate	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Bis(2-chloroethoxy)methane	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Bis(2-chloroethyl)ether	1	1.050	U	1	U	1	U	1	U	1	U
Bis(2-chloroisopropyl)ether	5	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Caprolactam	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Carbazole	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Dibenzofuran	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Diethyl phthalate	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Dimethyl phthalate	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Di-n-butyl phthalate	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Di-n-octyl phthalate	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Hexachlorocyclopentadiene	5	5.260	U	5	U	5	U	5	U	5	U
Isophorone	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
N-nitroso-di-n-propylamine	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
N-Nitrosodiphenylamine	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Phenol	1	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Propargite	~	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Pyridine	50	2.630	U	2.500	U	2.500	U	2.500	U	2.500	U
Acenaphthene	20	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U

Table 2 - SVOC Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Acenaphthylene	~	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Anthracene	50	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Atrazine	~	0.526	U	0.500	U	0.500	U	0.500	U	0.500	U
Benzo(a)anthracene	0.002	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(a)pyrene	0.002	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(b)fluoranthene	0.002	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(g,h,i)perylene	~	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Bis(2-ethylhexyl)phthalate	5	1.180	B	0.830	B	0.840	B	1.020	B	1.180	B
Chrysene	0.002	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Dibenzo(a,h)anthracene	~	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Fluoranthene	50	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Fluorene	50	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Hexachlorobenzene	0.04	0.0211	U	0.0200	U	0.0200	U	0.0200	U	0.0200	U
Hexachlorobutadiene	0.5	0.526	U	0.500	U	0.500	U	0.500	U	0.500	U
Hexachloroethane	5	0.526	U	0.500	U	0.500	U	0.500	U	0.500	U
Indeno(1,2,3-cd)pyrene	0.002	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Naphthalene	10	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Nitrobenzene	0.4	0.263	U	0.250	U	0.250	U	0.250	U	0.250	U
N-Nitrosodimethylamine	~	0.526	U	0.500	U	0.500	U	0.500	U	0.500	U
Pentachlorophenol	1	0.263	U	0.250	U	0.250	U	0.250	U	0.250	U
Phenanthrene	50	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U
Pyrene	50	0.0526	U	0.0500	U	0.0500	U	0.0500	U	0.0500	U

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 2 - Pesticide Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	AWQS	MW-1		MW-2		MW-2 Dup		MW-3		MW-4	
Sampling Date		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES, 8081											
4,4'-DDD	0.3	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
4,4'-DDE	0.2	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
4,4'-DDT	0.2	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Aldrin	~	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
alpha-BHC	0.01	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
alpha-Chlordane	~	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
beta-BHC	0.04	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Chlordane, total	0.05	<i>0.200</i>	<i>U</i>	<i>0.216</i>	<i>U</i>	<i>0.205</i>	<i>U</i>	<i>0.216</i>	<i>U</i>	<i>0.216</i>	<i>U</i>
delta-BHC	0.04	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Dieldrin	0.004	0.00200	U	0.00216	U	0.00205	U	0.00216	U	0.00216	U
Endosulfan I	~	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Endosulfan II	~	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Endosulfan sulfate	~	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Endrin	~	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Endrin aldehyde	5	0.0100	U	0.0108	U	0.0103	U	0.0108	U	0.0108	U
Endrin ketone	5	0.0100	U	0.0108	U	0.0103	U	0.0108	U	0.0108	U
gamma-BHC (Lindane)	0.05	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
gamma-Chlordane	~	0.0100	U	0.0108	U	0.0103	U	0.0108	U	0.0108	U
Heptachlor	0.04	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Heptachlor epoxide	0.03	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Methoxychlor	35	0.00400	U	0.00432	U	0.00410	U	0.00432	U	0.00432	U
Toxaphene	0.06	<i>0.100</i>	<i>U</i>	<i>0.108</i>	<i>U</i>	<i>0.103</i>	<i>U</i>	<i>0.108</i>	<i>U</i>	<i>0.108</i>	<i>U</i>

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

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U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 2 - Metals Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	AWQS	MW-1		MW-2		MW-2 Dup		MW-3		MW-4	
Sampling Date		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP											
Aluminum	~	1,080		2,940		220		55.600	U	230	
Barium	1000	27.800	U	147		116		58.700		150	
Calcium	~	6,990		156,000		136,000		57,700		123,000	
Chromium	50	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U
Cobalt	~	4.440	U	4.440	U	4.440	U	4.440	U	4.440	U
Copper	200	22.200	U	22.200	U	22.200	U	22.200	U	22.200	U
Iron	~	1,310		3,650		412		278	U	376	
Lead	25	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U
Magnesium	35000	526		6,360		5,250		2,770		11,500	
Manganese	300	56.600		195		31.800		5.560	U	20.400	
Nickel	100	11.100	U	11.100	U	11.100	U	11.100	U	11.100	U
Potassium	~	779		3,460		2,490		2,340		20,100	
Silver	50	5.560	U	5.560	U	5.560	U	5.560	U	5.560	U
Sodium	20000	147,000		171,000		155,000		288,000		1,810,000	D
Vanadium	~	11.100	U	11.100	U	11.100	U	11.100	U	11.100	U
Zinc	2000	27.800	U	27.800	U	27.800	U	27.800	U	27.800	U
Antimony	3	1.110	U	10.6		13.1		39		1.110	U
Arsenic	25	1.110	U	1.660		1.110	U	1.110	U	2.040	
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	0.556	U	0.556	U	0.838		0.556	U	0.556	U
Selenium	10	1.940	B	2.490	B	1.780	B	1.890	B	4.980	B
Thallium	~	1.110	U	1.110	U	1.110	U	1.110	U	1.110	U
Mercury by 7470/7471											
Mercury	0.7	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyanide, Total											
Cyanide, total	200	10	U	10	U	10	U	10	U	10	U

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 2 - PCB Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID Sampling Date	AWQS	MW-1 4/1/2022		MW-2 4/1/2022		MW-2 Dup 4/1/2022		MW-3 4/1/2022		MW-4 4/1/2022	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER											
Aroclor 1016	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Aroclor 1221	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Aroclor 1232	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Aroclor 1242	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Aroclor 1248	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Aroclor 1254	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Aroclor 1260	~	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U
Total PCBs	0.09	0.0500	U	0.0541	U	0.0513	U	0.0541	U	0.0541	U

Concentration Detected

Concentration Above AWQS*ITALICS indicate laboratory detection limit above AWQS***Q is the Qualifier Column with definitions as follows:**

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 2 - PFAS Groundwater Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID Sampling Date	NYDEC Part 375 PFAS Remedial Program Water Oct 2020	MW-1 4/1/2022		MW-2 4/1/2022		MW-2 Dup 4/1/2022		MW-3 4/1/2022		MW-4 4/1/2022		Field Blank 4/1/2022	
ALL UNITS IN NANOGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List													
1H,1H,2H,2H- Perfluorodecanesulfonic acid (8:2 FTS)	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
1H,1H,2H,2H- Perfluorooctanesulfonic acid (6:2 FTS)	100	4.810	U	4.630	U	4.810	U	4.810	U	4.730	U	6.790	U
N-EtFOSAA	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
N-MeFOSAA	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
Perfluoro-1-decanesulfonic acid (PFDS)	100	2.850		1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
Perfluoro-1-octanesulfonamide (FOSA)	100	1.920	U	1.850	U	1.920	U	4.250		5.650		2.720	U
Perfluorobutanesulfonic acid (PFBS)	100	1.920	U	2.520		2.530		1.920	U	8.480		2.720	U
Perfluorodecanoic acid (PFDA)	100	1.920	U	1.850	U	1.920	U	1.920	U	13.500		2.720	U
Perfluorododecanoic acid (PFDoA)	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
Perfluoroheptanoic acid (PFHpA)	100	1.970		1.990		1.940		2.190		11.600		2.720	U
Perfluorohexanesulfonic acid (PFHxS)	100	1.920	U	1.850	U	1.920	U	1.920	U	2.190		2.720	U
Perfluorohexanoic acid (PFHxA)	100	2.400		5.350		5.080		4.810		27.500		2.720	U
Perfluoro-n-butanoic acid (PFBA)	100	5.420		10.200		9.320		4.460		11.800		2.720	U
Perfluorononanoic acid (PFNA)	100	1.920	U	1.850	U	1.920	U	1.920	U	12.700		2.720	U
Perfluorooctanesulfonic acid (PFOS)	10	2.050		6.330		4.840		16.8		75.1		2.720	U
Perfluorooctanoic acid (PFOA)	10	5.470		2.820		2.980		6.990		20.1		2.720	U
Perfluoropentanoic acid (PFPeA)	100	4.550		11.200		11		8.590		30.600		2.720	U
Perfluorotetradecanoic acid (PFTA)	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
Perfluorotridecanoic acid (PFTrDA)	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U
Perfluoroundecanoic acid (PFUnA)	100	1.920	U	1.850	U	1.920	U	1.920	U	1.890	U	2.720	U

Concentration Detected

Concentration Above October 2020 PFAS Remedial Program Guidance

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 3 - Exterior Soil Gas Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	ESG-1		ESG-2		ESG-3	
Sampling Date	4/1/2022		4/1/2022		4/1/2022	
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor	
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m³)	Result	Q	Result	Q	Result	Q
VOCs EPA TO15						
1,1,1,2-Tetrachloroethane	1.100	U	1.200	U	1.100	U
1,1,1-Trichloroethane	0.910	U	0.970	U	0.860	U
1,1,2,2-Tetrachloroethane	1.100	U	1.200	U	1.100	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.300	U	1.400	U	1.200	U
1,1,2-Trichloroethane	0.910	U	0.970	U	0.860	U
1,1-Dichloroethane	0.670	U	0.720	U	0.640	U
1,1-Dichloroethylene	0.160	U	0.180	U	0.160	U
1,2,4-Trichlorobenzene	1.200	J	1.300	U	1.200	U
1,2,4-Trimethylbenzene	22	D	24	D	29	D
1,2-Dibromoethane	1.300	U	1.400	U	1.200	U
1,2-Dichlorobenzene	1	U	1.100	U	0.950	U
1,2-Dichloroethane	0.670	U	0.720	U	0.640	U
1,2-Dichloropropane	0.770	U	0.820	U	0.730	U
1,2-Dichlorotetrafluoroethane	1.200	U	1.200	U	1.100	U
1,3,5-Trimethylbenzene	5.400	D	5.600	D	7.400	D
1,3-Butadiene	1.100	U	1.200	U	1	U
1,3-Dichlorobenzene	1	U	1.100	U	0.950	U
1,3-Dichloropropane	0.770	U	0.820	U	0.730	U
1,4-Dichlorobenzene	1	U	1.100	U	0.950	U
1,4-Dioxane	1.200	U	1.300	U	1.100	U
2-Butanone	4.100	D	4.700	D	3.200	D
2-Hexanone	1.400	D	1.500	J	1.300	J
3-Chloropropene	2.600	U	2.800	U	2.500	U
4-Methyl-2-pentanone	4.600	D	5.100	D	5.300	D
Acetone	22	D	27	D	24	D
Acrylonitrile	0.360	U	0.380	U	0.340	U
Benzene	2.800	D	6	D	3.500	D
Benzyl chloride	0.860	U	0.920	U	0.810	U
Bromodichloromethane	1.100	U	1.200	U	1.100	U
Bromoform	1.700	U	1.800	U	1.600	U
Bromomethane	0.650	U	0.690	U	0.610	U
Carbon disulfide	0.520	U	1.200	D	0.780	D
Carbon tetrachloride	0.260	U	0.280	U	0.300	D
Chlorobenzene	0.770	U	0.820	U	0.720	U
Chloroethane	0.440	U	0.470	U	0.420	U
Chloroform	0.810	U	0.860	U	6.100	D
Chloromethane	0.340	U	0.370	U	0.320	U
cis-1,2-Dichloroethylene	0.160	U	0.180	U	0.250	D
cis-1,3-Dichloropropylene	0.760	U	0.800	U	0.710	U
Cyclohexane	2.700	D	3.500	D	1.800	D
Dibromochloromethane	1.400	U	1.500	U	1.300	U
Dichlorodifluoromethane	7	D	9.100	D	7.200	D
Ethyl acetate	1.200	U	1.300	U	1.100	U
Ethyl Benzene	23	D	27	D	26	D
Hexachlorobutadiene	1.800	U	1.900	U	1.700	U
Isopropanol	0.820	J	1.200	D	0.770	U

Table 3 - Exterior Soil Gas Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	ESG-1		ESG-2		ESG-3	
Sampling Date	4/1/2022		4/1/2022		4/1/2022	
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor	
ALL UNITS IN MICROGRAMS/ CUBIC METER ($\mu\text{g}/\text{m}^3$)	Result	Q	Result	Q	Result	Q
Methyl Methacrylate	0.680	U	0.730	U	0.640	U
Methyl tert-butyl ether (MTBE)	0.600	U	0.640	U	0.570	U
Methylene chloride	4.300	D	52	D	8.300	D
n-Heptane	4.700	D	6.400	D	4.600	D
n-Hexane	2.900	D	7.300	D	3.100	D
o-Xylene	25	D	31	D	32	D
p- & m- Xylenes	78	D	94	D	93	D
p-Ethyltoluene	27	D	29	D	34	D
Propylene	0.290	U	0.300	U	0.270	U
Styrene	0.710	U	0.750	U	0.670	U
Tetrachloroethylene	29	D	120	D	490	D
Tetrahydrofuran	1.800	D	1	U	0.930	U
Toluene	60	D	76	D	63	D
trans-1,2-Dichloroethylene	0.660	U	0.700	U	0.620	U
trans-1,3-Dichloropropylene	0.760	U	0.800	U	0.710	U
Trichloroethylene	0.220	U	0.240	U	2	D
Trichlorofluoromethane (Freon)	1.400	D	1.800	D	2.600	D
Vinyl acetate	0.590	U	0.620	U	0.550	U
Vinyl bromide	0.730	U	0.770	U	0.690	U
Vinyl Chloride	0.210	U	0.230	U	0.200	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

Table 4 - Sub-slab Soil Gas Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID Sampling Date Client Matrix UNITS IN MICROGRAMS/ CUBIC METER (µg/m ³)	SG-1				SG-2				SG-3				SG-4				SG-5			
	8/13/2020		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022	
	SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO15																				
1,1,1,2-Tetrachloroethane	4.100	U	2.700	U	19	U	13	U	10	U	1.100	U	9.500	U	5.700	U	2	U	2	U
1,1,1-Trichloroethane	10	D	8.300	D	15	U	11	U	8.100	U	0.850	U	7.500	U	4.500	U	1.600	U	1.600	U
1,1,2,2-Tetrachloroethane	4.100	U	2.700	U	19	U	13	U	10	U	1.100	U	9.500	U	5.700	U	2	U	2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.600	U	3	U	21	U	15	U	11	U	1.200	U	11	U	6.400	U	2.200	U	2.200	U
1,1,2-Trichloroethane	3.200	U	2.100	U	15	U	11	U	8.100	U	0.850	U	7.500	U	4.500	U	1.600	U	1.600	U
1,1-Dichloroethane	2.400	U	1.600	U	11	U	7.800	U	6	U	0.630	U	5.600	U	3.400	U	1.200	U	1.200	U
1,1-Dichloroethylene	0.940	D	0.380	U	2.700	U	1.900	U	1.500	U	0.150	U	1.400	U	0.830	U	0.290	U	0.280	U
1,2,4-Trichlorobenzene	4.400	U	2.900	U	20	U	14	U	11	U	1.200	U	10	U	6.200	U	2.200	U	2.100	U
1,2,4-Trimethylbenzene	23	D	3.400	D	16	D	9.500	U	24	D	1.500	D	16	D	4.100	U	21	D	1.400	D
1,2-Dibromoethane	4.600	U	3	U	21	U	15	U	11	U	1.200	U	11	U	6.400	U	2.200	U	2.200	U
1,2-Dichlorobenzene	3.600	U	2.300	U	16	U	12	U	8.900	U	0.940	U	8.300	U	5	U	1.700	U	1.700	U
1,2-Dichloroethane	2.400	U	1.600	U	11	U	7.800	U	6	U	0.630	U	5.600	U	3.400	U	1.200	U	1.200	U
1,2-Dichloropropane	2.800	U	1.800	U	13	U	8.900	U	6.900	U	0.720	U	6.400	U	3.900	U	1.300	U	1.300	U
1,2-Dichlorotetrafluoroethane	4.200	U	2.700	U	19	U	14	U	10	U	1.100	U	9.600	U	5.800	U	2	U	2	U
1,3,5-Trimethylbenzene	7.300	D	1.900	J	13	J	9.500	U	7.300	J	0.760	J	6.800	J	4.100	U	5.300	D	1.400	U
1,3-Butadiene	4	U	2.600	U	18	U	13	U	9.900	U	1	U	9.200	U	5.500	U	1.900	U	1.900	U
1,3-Dichlorobenzene	3.600	U	2.300	U	16	U	12	U	8.900	U	0.940	U	8.300	U	5	U	1.700	U	1.700	U
1,3-Dichloropropane	2.800	U	1.800	U	13	U	8.900	U	6.900	U	0.720	U	6.400	U	3.900	U	1.300	U	1.300	U
1,4-Dichlorobenzene	3.600	U	2.300	U	16	U	12	U	8.900	U	0.940	U	8.300	U	5	U	1.700	U	1.700	U
1,4-Dioxane	4.300	U	2.800	U	20	U	14	U	11	U	1.100	U	9.900	U	6	U	2.100	U	2	U
2-Butanone	7.400	D	4.800	D	8	U	5.700	J	5.300	D	4.200	D	4.100	J	4.700	D	5.300	D	4.200	D
2-Hexanone	4.900	U	3.200	U	22	U	16	U	12	U	1.300	J	11	U	6.800	U	2.400	U	2.300	U
3-Chloropropene	9.300	U	6.100	U	43	U	30	U	23	U	2.400	U	22	U	13	U	4.600	U	4.400	U
4-Methyl-2-pentanone	2.700	D	1.600	U	11	U	7.900	U	6.100	U	0.830	D	5.600	U	3.400	U	1.900	D	1.200	U
Acetone	62	D	21	D	310	D	17	D	37	D	14	D	25	D	20	D	52	D	10	D
Acrylonitrile	1.300	U	0.840	U	5.900	U	4.200	U	3.200	U	0.340	U	3	U	1.800	U	0.630	U	0.620	U
Benzene	5.500	D	1.200	U	27	D	6.200	U	4.700	U	0.650	D	4.400	U	2.700	U	1.100	D	0.910	U
Benzyl chloride	3.100	U	2	U	14	U	10	U	7.700	U	0.810	U	7.100	U	4.300	U	1.500	U	1.500	U
Bromodichloromethane	4	U	2.600	U	18	U	13	U	10	U	1	U	9.200	U	5.600	U	1.900	U	1.900	U
Bromoform	6.200	U	4	U	28	U	20	U	15	U	1.600	U	14	U	8.600	U	3	U	2.900	U
Bromomethane	2.300	U	1.500	U	11	U	7.500	U	5.800	U	0.600	U	5.400	U	3.200	U	1.100	U	1.100	U
Carbon disulfide	1.900	D	1.200	U	8.500	U	6	U	4.600	U	0.480	U	4.300	U	2.600	U	0.910	U	0.890	U
Carbon tetrachloride	0.940	U	0.610	U	4.300	U	3	U	2.300	U	0.690	D	2.200	U	1.300	U	0.730	D	0.540	D
Chlorobenzene	2.700	U	1.800	U	13	U	8.900	U	6.800	U	0.720	U	6.300	U	3.800	U	1.300	U	1.300	U
Chloroethane	1.600	U	1	U	7.200	U	5.100	U	3.900	U	0.410	U	3.600	U	2.200	U	0.770	U	0.750	U

Table 4 - Sub-slab Soil Gas Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID Sampling Date Client Matrix UNITS IN MICROGRAMS/ CUBIC METER (µg/m ³)	SG-1				SG-2				SG-3				SG-4				SG-5			
	8/13/2020		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022		8/13/2020		4/1/2022	
	SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV		SSSV	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Chloroform	2.900	U	1.900	U	13	U	9.400	U	7.300	U	0.760	U	6.700	U	4.100	U	1.600	D	1.400	U
Chloromethane	1.200	U	1.100	D	5.600	U	4	J	3.100	U	1.100	D	2.800	U	1.700	J	0.600	U	1.100	D
cis-1,2-Dichloroethylene	0.590	U	0.380	U	2.700	U	1.900	U	1.500	U	0.150	U	1.400	U	0.830	U	0.290	U	0.280	U
cis-1,3-Dichloropropylene	2.700	U	1.800	U	12	U	8.800	U	6.700	U	0.710	U	6.300	U	3.800	U	1.300	U	1.300	U
Cyclohexane	2.100	D	1.300	U	12	D	6.700	U	5.100	U	0.540	U	4.700	U	2.900	U	1	J	0.980	U
Dibromochloromethane	5.100	U	3.300	U	23	U	16	U	13	U	1.300	U	12	U	7.100	U	2.500	U	2.400	U
Dichlorodifluoromethane	95	D	21	D	180	D	130	D	19	D	11	D	1,100	D	760	D	28	D	140	D
Ethyl acetate	4.300	U	2.800	J	20	U	14	U	11	U	2.100	D	9.900	U	6	U	2.100	U	2	J
Ethyl Benzene	17	D	2	D	18	D	8.400	U	13	D	1.100	D	9.600	D	3.600	U	11	D	1.200	D
Hexachlorobutadiene	6.400	U	4.100	U	29	U	21	U	16	U	1.700	U	15	U	8.900	U	3.100	U	3	U
Isopropanol	12	D	7.700	D	13	U	9.500	U	46	D	18	D	58	D	4.100	U	66	D	9.900	D
Methyl Methacrylate	2.400	U	1.600	U	11	U	7.900	U	6.100	U	0.640	U	5.600	U	3.400	U	1.200	U	1.700	D
Methyl tert-butyl ether (MTBE)	2.100	U	1.400	U	9.800	U	7	U	5.400	U	0.560	U	5	U	3	U	1	U	1	U
Methylene chloride	4.100	J	11	D	19	U	250	D	10	U	5.700	D	9.600	U	5.800	J	2	J	190	D
n-Heptane	5.900	D	1.600	U	11	U	7.900	U	6.100	U	0.640	J	5.700	U	3.400	U	2.500	D	1.500	D
n-Hexane	4	D	1.400	D	11	D	9.500	D	5.200	U	2.100	D	4.900	U	2.900	U	1.100	D	7.400	D
o-Xylene	21	D	2.500	D	28	D	8.400	J	16	D	1.400	D	13	D	3.600	J	16	D	1.500	D
p- & m- Xylenes	52	D	7.900	D	50	D	17	U	37	D	4.500	D	31	D	7.200	J	38	D	5.100	D
p-Ethyltoluene	21	D	3.100	D	13	D	9.500	U	18	D	1.500	D	14	D	4.100	U	19	D	1.400	D
Propylene	1	U	0.670	U	4.700	U	3.300	U	2.600	U	0.270	U	2.400	U	1.400	U	0.650	D	0.490	U
Styrene	7.100	D	1.700	U	12	U	8.200	U	6.300	J	0.730	D	5.900	J	3.600	U	5.300	D	1.200	U
Tetrachloroethylene	1,500	D	810	D	6,600	D	5,600	D	1,800	D	200	D	4,300	D	2,500	D	710	D	500	D
Tetrahydrofuran	18	D	3.800	D	16	U	11	J	13	D	2	D	11	D	4.900	J	11	D	2	D
Toluene	31	D	11	D	45	D	8	D	21	D	7.300	D	16	D	5	D	18	D	9.300	D
trans-1,2-Dichloroethylene	2.400	U	1.500	U	11	U	7.700	U	5.900	U	0.620	U	5.500	U	3.300	U	1.200	U	1.100	U
trans-1,3-Dichloropropylene	2.700	U	1.800	U	12	U	8.800	U	6.700	U	0.710	U	6.300	U	3.800	U	1.300	U	1.300	U
Trichloroethylene	1.600	D	0.830	D	3.700	U	2.600	U	2	U	0.330	D	12	D	1.100	U	2.700	D	1.400	D
Trichlorofluoromethane (Freon)	27	D	3.300	D	31	D	12	D	120	D	3.100	D	370	D	20	D	380	D	17	D
Vinyl acetate	2.100	U	1.400	U	9.600	U	6.800	U	5.200	U	0.550	U	4.900	U	2.900	U	1	U	1	U
Vinyl bromide	2.600	U	1.700	U	12	U	8.500	U	6.500	U	0.680	U	6	U	3.600	U	1.300	U	1.200	U
Vinyl Chloride	0.760	U	0.500	U	3.500	U	2.500	U	1.900	U	0.200	U	1.800	U	1.100	U	0.370	U	0.360	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

SSSV= Sub-slab soil vapor

Table 5 - Indoor and Outdoor Air Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	IA-1		IA-2		SG-1 AI		SG-2 AI		SG-3 AI		SG-4 AI		SG-5 AI		AO-1	
Sampling Date	8/13/2020		8/13/2020		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022	
Client Matrix	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Outdoor Air	
ALL UNITS IN MICROGRAMS/ CUBIC METER (ug/m ³)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO15																
1,1,1,2-Tetrachloroethane	1	U	0.520	U	0.510	U	0.670	U	0.570	U	0.610	U	0.530	U	0.610	U
1,1,1-Trichloroethane	0.830	U	0.410	U	0.410	U	0.540	U	0.450	U	0.480	U	0.420	U	0.480	U
1,1,2,2-Tetrachloroethane	1	U	0.520	U	0.510	U	0.670	U	0.570	U	0.610	U	0.530	U	0.610	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.200	U	0.930	D	0.570	D	0.750	U	0.640	U	0.680	U	0.590	D	0.680	U
1,1,2-Trichloroethane	0.830	U	0.410	U	0.410	U	0.540	U	0.450	U	0.480	U	0.420	U	0.480	U
1,1-Dichloroethane	0.620	U	0.310	U	0.300	U	0.400	U	0.340	U	0.360	U	0.310	U	0.360	U
1,1-Dichloroethylene	2.500	D	0.150	D	0.0740	U	0.0970	U	0.0820	U	0.0880	U	0.0760	U	0.0880	U
1,2,4-Trichlorobenzene	1.100	U	0.560	U	0.550	U	0.730	U	0.620	U	0.660	U	0.570	U	0.660	U
1,2,4-Trimethylbenzene	4.200	D	2.200	D	0.400	D	0.480	D	0.410	U	0.440	J	0.380	J	0.430	U
1,2-Dibromoethane	1.200	U	0.580	U	0.570	U	0.750	U	0.640	U	0.680	U	0.590	U	0.680	U
1,2-Dichlorobenzene	0.910	U	0.460	U	0.450	U	0.590	U	0.500	U	0.530	U	0.460	U	0.530	U
1,2-Dichloroethane	2.600	D	0.310	J	0.300	U	0.400	U	0.340	U	0.390	D	1.500	D	0.360	U
1,2-Dichloropropane	0.700	U	0.350	U	0.340	U	0.450	U	0.380	U	0.410	U	0.350	U	0.410	U
1,2-Dichlorotetrafluoroethane	1.100	U	0.530	U	0.520	U	0.690	U	0.580	U	0.620	U	0.540	U	0.620	U
1,3,5-Trimethylbenzene	3.700	D	0.780	D	0.370	U	0.480	U	0.410	U	0.440	U	0.380	U	0.430	U
1,3-Butadiene	1	U	0.500	U	0.490	U	0.650	U	0.550	U	0.590	J	0.510	J	0.590	U
1,3-Dichlorobenzene	0.910	U	0.460	U	0.450	U	0.590	U	0.500	U	0.530	U	0.460	U	0.530	U
1,3-Dichloropropane	0.700	U	0.350	U	0.340	U	0.450	U	0.380	U	0.410	U	0.350	U	0.410	U
1,4-Dichlorobenzene	0.910	U	0.820	D	0.450	U	0.590	U	0.500	U	0.530	U	0.460	U	0.530	U
1,4-Dioxane	1.100	U	0.550	U	0.540	U	0.710	U	0.600	U	0.640	U	0.550	U	0.640	U
2-Butanone	4.600	D	4.500	D	2.800	D	2.400	D	1.900	D	1.900	D	1.900	D	0.810	D
2-Hexanone	1.200	U	0.620	J	0.610	J	0.800	J	0.680	J	0.730	J	0.630	J	0.720	U
3-Chloropropene	2.400	U	1.200	U	1.200	U	1.500	U	1.300	U	1.400	U	1.200	U	1.400	U
4-Methyl-2-pentanone	2.700	D	0.750	D	0.310	J	0.400	U	0.340	U	0.360	U	0.310	U	0.360	U
Acetone	41	D	71	D	23	D	73	D	40	D	39	D	29	D	32	D
Acrylonitrile	0.330	U	0.160	U	0.160	U	0.210	U	0.180	U	0.190	U	0.170	U	0.190	U
Benzene	2.100	D	0.460	D	0.640	D	0.660	D	0.530	D	0.620	D	0.640	D	0.340	D
Benzyl chloride	0.790	U	0.390	U	0.390	U	0.510	U	0.430	U	0.460	U	0.400	U	0.460	U
Bromodichloromethane	1	U	0.510	U	0.500	U	0.660	U	0.560	U	0.590	U	0.510	U	0.590	U
Bromoform	1.600	U	0.780	U	0.770	U	1	U	0.860	U	0.910	U	0.790	U	0.910	U
Bromomethane	0.590	U	0.290	U	0.290	U	0.380	U	0.320	U	0.340	U	0.300	U	0.340	U
Carbon disulfide	2.100	D	0.760	D	0.280	D	0.310	U	0.260	U	0.280	U	0.240	U	0.280	U
Carbon tetrachloride	0.240	U	1.100	D	0.520	D	0.430	D	0.470	D	0.500	D	0.580	D	0.500	D
Chlorobenzene	0.700	U	0.350	U	0.340	U	0.450	U	0.380	U	0.410	U	0.350	U	0.410	U
Chloroethane	0.400	U	0.200	U	0.200	U	0.260	U	0.220	U	0.230	U	0.200	U	0.230	U
Chloroform	3.100	D	1.200	D	1.500	D	0.480	U	0.450	D	0.910	D	0.710	D	0.430	U
Chloromethane	2.400	D	1.600	D	1.800	D	1.900	D	1.800	D	2	D	1.900	D	1.500	D
cis-1,2-Dichloroethylene	0.150	U	0.0900	D	0.0740	U	0.0970	U	0.0820	U	0.0880	U	0.0760	U	0.0880	U
cis-1,3-Dichloropropylene	0.690	U	0.340	U	0.340	U	0.450	U	0.380	U	0.400	U	0.350	U	0.400	U

Table 5 - Indoor and Outdoor Air Data

65 Albany Avenue, Kingston, NY

Site #356060

Sample ID	IA-1		IA-2		SG-1 AI		SG-2 AI		SG-3 AI		SG-4 AI		SG-5 AI		AO-1	
Sampling Date	8/13/2020		8/13/2020		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022		4/1/2022	
Client Matrix	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Outdoor Air	
ALL UNITS IN MICROGRAMS/ CUBIC METER ($\mu\text{g}/\text{m}^3$)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cyclohexane	2.200	D	0.470	D	0.380	D	0.340	U	0.340	D	0.790	D	0.320	D	0.300	U
Dibromochloromethane	1.300	U	0.650	U	0.630	U	0.840	U	0.710	U	0.750	U	0.650	U	0.750	U
Dichlorodifluoromethane	4.500	D	5.200	D	3.500	D	3.300	D	9	D	21	D	8.500	D	2.800	D
Ethyl acetate	2.600	D	3.700	D	1.600	D	0.710	J	1.200	D	1.500	D	1.800	D	0.640	U
Ethyl Benzene	3.400	D	0.920	D	0.520	D	0.430	J	0.360	U	0.380	J	0.330	D	0.380	U
Hexachlorobutadiene	1.600	U	0.810	U	0.790	U	1	U	0.890	U	0.940	U	0.820	U	0.940	U
Isopropanol	70	D	1,100	DE	20	D	18	D	230	DE	230	DE	240	DE	1.100	D
Methyl Methacrylate	0.620	U	0.500	D	2.800	D	0.400	J	0.340	U	0.360	U	0.310	U	0.360	U
Methyl tert-butyl ether (M	0.550	U	0.270	U	0.270	U	0.350	U	0.300	U	0.320	U	0.280	U	0.320	U
Methylene chloride	3.500	D	1.300	D	490	D	2.800	D	1.100	D	9	D	57	D	1.400	D
n-Heptane	2.700	D	0.960	D	1.800	D	0.680	D	3.800	D	11	D	5.300	D	0.360	J
n-Hexane	2.600	D	0.750	D	20	D	0.690	D	0.470	D	0.940	D	2.500	D	0.310	U
o-Xylene	3.700	D	1.400	D	0.550	D	0.430	J	0.360	J	0.380	J	0.370	D	0.380	J
p- & m- Xylenes	7.900	D	2.900	D	1.600	D	0.940	D	0.720	J	0.810	D	0.930	D	0.770	U
p-Ethyltoluene	3.700	D	1.200	D	0.370	D	0.480	U	0.410	U	0.440	U	0.380	U	0.430	U
Propylene	0.260	U	0.130	U	0.130	U	0.170	U	0.140	U	0.150	U	0.130	U	0.150	U
Styrene	3.200	D	1.300	D	0.320	D	0.420	U	0.350	J	0.450	D	0.420	D	0.380	U
Tetrachloroethylene	12	D	8.800	D	8.400	D	12	D	56	D	180	D	74	D	0.600	U
Tetrahydrofuran	1.800	D	0.630	D	0.990	D	1	D	1.800	D	2.200	D	0.450	J	0.760	D
Toluene	5.200	D	4.600	D	5.300	D	1.800	D	1	D	1.700	D	1.900	D	0.530	D
trans-1,2-Dichloroethylene	0.600	U	0.300	U	0.300	U	0.390	U	0.330	U	0.350	U	0.300	U	0.350	U
trans-1,3-Dichloropropylene	0.690	U	0.340	U	0.340	U	0.450	U	0.380	U	0.400	U	0.350	U	0.400	U
Trichloroethylene	0.200	U	0.200	D	0.280	D	0.130	U	0.110	U	0.190	D	0.330	D	0.120	U
Trichlorofluoromethane (F	110	D	460	D	6.900	D	13	D	41	D	120	D	32	D	1.400	D
Vinyl acetate	0.540	U	0.270	U	0.260	U	0.350	U	0.290	U	0.310	U	0.270	U	0.310	U
Vinyl bromide	0.660	U	1.300	D	0.330	U	0.430	U	0.360	U	0.390	U	0.340	U	0.390	U
Vinyl Chloride	0.190	U	0.0970	U	0.0950	U	0.130	U	0.110	U	0.110	U	0.0980	D	0.110	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX A

65 Albany Avenue, Kingston NY

Site #356060

Compound	Soil Vapor and Indoor Air Concentrations (µg/m³)										NYSDOH Decision Matrix A: Trichloroethylene (TCE), cis-1,2 Dichloroethene, 1,1-Dichloroethene and Carbon Tetrachloride					
	SG-1	SG-1 AI	SG-2	SG-2 AI	SG-3	SG-3 AI	SG-4	SG-4 AI	SG-5	SG-5 AI			Indoor Air Concentration			
													<0.2 µg/m³	0.2 to <1 µg/m³	1 µg/m³ and above	
											Trichloroethylene	0.83	0.3	ND	ND	0.33
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	6 to 60 µg/m³		4. No Further Action	5. Monitor	6. Mitigate		
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND		60 µg/m³ and above	7. Mitgate	8. Mitigate	9. Mitigate	
		Carbon Tetrachloride	ND	0.52	ND	0.43	0.69	0.470	ND	0.5		0.54	0.58			

NFA - No Further Action

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix A

ND - Compound not detected above laboratory detection limits

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX B

65 Albany Avenue, Kingston NY

Site #356060

Compound	Soil Vapor and Indoor Air Concentrations (µg/m³)										NYSDOH Decision Matrix B: Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA) and Methylene Chloride				
	SG-1	SG-1 AI	SG-2	SG-2AI	SG-3	SG-3AI	SG-4	SG-4AI	SG-5	SG-5 AI			Indoor Air		
													<3 µg/m³	3 to <10 µg/m³	10 µg/m³ and above
Tetrachloroethene	810	8.4	5,600	12	200	56	2,500	180	500	74	Sub-Slab Vapor Concentration	<100 µg/m³	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		100 to 1,000 µg/m³	4. No Further Action	5. Monitor	6. Mitgate
Methylene Chloride	11	490	250	2.8	5.7	1.1	ND	9.0	190	57		1,000 µg/m³ and above	7. Mitgate	8. Mitgate	9. Mitgate

NFA - No Further Action

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix B

ND - Compound not detected above laboratory detection limits

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX C

65 Albany Avenue, Kingston NY

Site #356060

Compound	Soil Vapor and Indoor Air Concentrations (µg/m³)										NYSDOH Decision Matrix C: Vinyl Chloride			
	SG-1	SG-1 AI	SG-2	SG-2 AI	SG-3	SG-3 AI	SG-4	SG-4 AI	SG-5	SG-5 AI			Indoor Air Concentration	
													<0.2 µg/m³	0.2 µg/m³ a and above
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.098	Sub-Slab Vapor Concentration	<6 µg/m³	1. No Further Action	2. Identify Source(s) and Resample or Mitigate
												6 to 60 µg/m³	3. Monitor	4. Mitgate
												60 µg/m³ and above	5. Mitgate	6. Mitgate

NFA - No Further Action

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix C

ND - Compound not detected above laboratory detection limits

TABLE 7 -
EXTRACTION WELL DATA- SSDS PILOT TEST
65 Albany Avenue, Kingston, NY
Site #356060

Test #	Time	Pump Well Number	Fan/ Blower	Potential-meter %	Velocity (FPS)	Flow Rate (CFM)	Vacuum (in-Hg)	Vacuum (in-H ₂ O)	Temp (°F)	PID (ppm) Pre-Carbon	PID (ppm) Post-Carbon
Test # 1	9:30	EW-1	89HA	50	60	20.1	0.440	6.0	53.5	0.5	0.0
	9:50		89HA	73	245	21.4	0.551	7.5	52.3	0.0	0.0
	9:55		89HA	89	239	20.8	0.734	10.0	55.0	0.0	0.0
	10:00		89HA	100	300	26.2	0.882	12.0	53.9	0.1	0.0
	10:05		89HA	89	240	20.9	0.734	10.0	53.8	0.1	0.0
	10:10		89HA	90	220	19.2	0.734	10.0	54.3	0.1	0.0
Test #2	10:30		HS5000	N/A	680	34.3	2.277	31.0	54.8	0.1	0.0
Average					283	23.3	0.907	12.4	53.9	0.1	0.0
Test # 3	11:10	EW-2	89HA	100	230	20.1	0.882	12.0	65.5	0.6	0.0
Test # 4	11:20		HS5000	N/A	950	47.9	2.792	38.0	70.8	1.0	0.0
	11:30		HS5000	N/A	760	38.3	2.792	38.0	72.3	1.0	0.0
	11:40		HS5000	N/A	950	47.9	2.756	37.5	75.1	1.4	0.0
Average					723	39	2.306	31.4	70.9	1.0	0.0
Test # 5	12:10	EW-3	HS5000	N/A	660	33.3	2.682	36.5	74.0	3.0	0.0
	12:20		HS5000	N/A	730	36.8	2.682	36.5	76.8	2.6	0.0
	12:30		HS5000	N/A	630	31.8	2.645	36.0	77.8	2.6	0.0
Average					673	34.0	2.670	36.3	76.2	2.7	0.0
Test # 6	13:30	EW-5	89HA	100	1140	99.4	0.882	12.0	65.8	0.8	0.0
	13:40		89HA	100	1150	100.3	0.882	12.0	61.8	1.0	0.0
	13:50		89HA	100	1250	109.0	0.882	12.0	62.0	0.8	0.0
Test # 7	14:00		HS5000	N/A	1050	53.0	0.368	5.0	61.8	0.7	0.0
Average					1148	90.4	0.753	10.3	62.9	0.8	0.0
Test # 8	14:30	EW-4	89HA	100	250	21.8	0.882	12.0	60.0	0.3	0.0
	14:50		HS5000	N/A	950	47.9	1.911	26.0	66.3	0.2	0.0
	15:00		HS5000	N/A	930	46.9	1.911	26.0	64.3	0.1	0.0
	15:10		HS5000	N/A	1100	55.5	1.911	26.0	65.9	0.1	0.0
Average					808	43.0	1.654	22.5	64.1	0.2	0.0

Notes:

in-Hg = inches of mercury

in-H₂O = Inches of water

CFM = cubic feet per minute

ppm = parts per million

¹Test #10 - A 3rd round of data could not be collected as the tenant required the field staff to leave the space as a meeting was taking place at 9:00 am

²Test #11 - Conducted to determine if vacuum was present at SG-14. No additional data was collected as Test #4 included all testing parameters for EW-6.

TABLE 8 -
VACUUM MONITORING POINT DATA - SSDS PILOT TEST
65 Albany Avenue, Kingston, NY
Site #356060

Test #	Test Well	Time	Vaccum Response (in-H ₂ O)											
			SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	TSG-1	TSG-2	SG-9	SG-10
Test #1	EW-1	9:30	NT	-0.003	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.000
		9:50	NT	-0.009	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.003
		9:55	NT	-0.012	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.003
		10:00	NT	-0.008	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.001
		10:05	NT	-0.010	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.000
		10:10	NT	-0.011	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.001
AVERAGE			NT	-0.009	NT	NT	NT	NT	NT	NT	NT	NT	-0.001	
Test # 2	EW-1	10:30	NT	-0.035	NT	NT	NT	NT	NT	NT	NT	NT	-0.005	
AVERAGE			NT	-0.035	NT	NT	NT	NT	NT	NT	NT	NT	-0.005	
Test # 3	EW-2	11:10	NT	NT	NT	0.000	NT ¹	-0.001	NT	NT	NT	NT	NT	NT
AVERAGE			NT	NT	NT	0.000	NT ¹	-0.001	NT	NT	NT	NT	NT	NT
Test # 4	EW-2	11:20	NT	NT	NT	0.000	NT	-0.004	NT	NT	NT	NT	NT	NT
		11:30	NT	NT	NT	0.000	NT	-0.004	NT	NT	NT	NT	NT	NT
		11:40	NT	NT	NT	-0.003	NT	-0.002	NT	NT	NT	NT	NT	NT
AVERAGE			NT	NT	NT	-0.001	NT	-0.003	NT	NT	NT	NT	NT	
Test # 5	EW-3	12:10	NT	NT	NT	NT	NT	NT	-0.006	0.000	-0.044	NT	NT	NT
		12:20	NT	NT	NT	NT	NT	NT	-0.005	0.000	-0.046	NT	NT	NT
		12:30	NT	NT	NT	NT	NT	NT	-0.006	0.000	-0.044	NT	NT	NT
AVERAGE			NT	NT	NT	NT	NT	NT	-0.006	0.000	-0.045	NT	NT	
Test #6	EW-5	13:30	NT	NT	-0.009	0.000	NT	NT	-0.130	NT	NT	-0.044	NT	NT
		13:40	NT	NT	-0.010	-0.002	NT	NT	-0.125	NT	NT	-0.045	NT	NT
		13:50	NT	NT	-0.007	-0.001	NT	NT	-0.125	NT	NT	-0.042	NT	NT
AVERAGE			NT	NT	-0.009	-0.001	NT	NT	-0.127	NT	NT	-0.044	NT	
Test # 7	EW-5	14:00	NT	NT	-0.002	-0.001	NT	NT	N/A	NT	NT	-0.016	NT	NT
AVERAGE			NT	NT	-0.007	-0.001	NT	NT	N/A	NT	NT	-0.016	NT	NT
Test # 8	EW-4	14:30	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.034	NT
AVERAGE			NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.034	NT
Test # 9	EW-4	14:50	-0.052	-0.009	NT	NT	NT	NT	NT	NT	NT	NT	-0.082	NT
		15:00	-0.048	-0.007	NT	NT	NT	NT	NT	NT	NT	NT	-0.091	NT
		15:10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	-0.095	NT
AVERAGE			-0.050	-0.008	NT	NT	NT	NT	NT	NT	NT	NT	-0.067	NT

Notes:

in-H₂O = Inches of water

Vacuum monitoring point measurements taken with Infiltec DMI Micro Manometer with a detection limit of 0.001
NT - Not tested. Only selected points were tested during each pilot test based on anticipated ROI and the building layout.

NT¹ - Cannot test SG-5 during Test #3 & 4 because space is locked.

Average vacuum greater than target value of -0.004 in-H₂O

Average vacuum less than target value of -0.004 in-H₂O but greater than 0.000 in-H₂O

TABLE 9
MASS REMOVAL CALCULATIONS -LABORATORY ANALYTICAL DATA
65 Albany Avenue, Kingston, NY
Site #356060

Sample Location	Sample Starting Period	Sample Ending Period	Sample Duration (minutes)	Average Flow Rate (CFM)	Temp. (°F)	Temp. (R)	In-Hg	Atm. (Relative)	Atm. (Corrected)	V=nRT/p	lb mole	Volume of Removed Soil Vapor (CF)	PCE (ppmv)	TCE (ppmv)	Methylene Chloride (ppm)	PCE Mass Removed (lbs)	TCE Mass Removed (lbs)	Methylene Chloride Mass Removed (lbs)	Total Mass Removed (lbs)
EW-1	4/3/22 10:30 AM	4/3/22 11:00 AM	30	23.3	53.9	513.9	0.907	0.030	0.970	387.0	0.00258	698	0.15	0.00000	0.0033	4.40E-05	0.00E+00	5.05E-07	4.45E-05
EW-2	4/3/22 11:20 AM	4/3/22 11:50 AM	30	38.6	70.9	530.9	2.306	0.077	0.923	420.0	0.00238	1157	0.35	0.00050	0.0780	1.60E-04	1.82E-07	1.82E-05	1.78E-04
EW-3	4/3/22 12:00 PM	4/3/22 12:30 PM	30	34.0	76.2	536.2	2.670	0.089	0.911	429.9	0.00233	1019	10	0.0029	0.0064	3.93E-03	9.03E-07	1.29E-06	3.93E-03
EW-4	4/3/2022 14:40:00 PM	4/3/2022 15:10:00 PM	30	43.0	64.1	524.1	1.654	0.055	0.945	405.1	0.00247	1291	0.20	0.00036	0.0018	1.06E-04	1.51E-07	4.87E-07	1.06E-04
EW-5	4/3/2022 13:20:00 PM	4/3/2022 13:50:00 PM	30	90.4	62.9	522.9	0.753	0.025	0.975	391.6	0.00255	2,713	0.63	0.00052	0.012	7.24E-04	4.73E-07	7.06E-06	7.31E-04
Total			150									6,878				4.96E-03	1.71E-06	2.76E-05	4.99E-03
													Mass Removal Rate (lbs/day)						4.79E-02

Notes:

Where: V = volume of the gas; P = pressure of the gas; n = l lb-mole; R = Ideal Gas Constant (0.7302); T = Absolute Temperature (°F+460)

$V=nRT/p$

Mass Removed = [(1 / Volume of gas) x (time elapsed) x (Flow) x (Concentration CVOC) x (molecular weight CVOC)] / 1x10⁶

Molecular weights (g/mole): PCE 165.83, TCE 131.39, Methylene Chloride 84.93

CFM = cubic foot per minute

ppmv = parts per million by volume

lbs = pounds

1-in-Hg = 0.033421 atm

TABLE 10
AERSCREEN Model Input and Output Data
65 Albany Avenue, Kingston, NY
Site # 356060

Compound	Projected System Flow (CFM)	Average Temp. (°F)	Pilot Test Mass Removed (lbs/Hr)	Maximum 1-Hour Concentration (AERSCREEN Model Output)	ACG	SCG	Exceeds ACG/SCG ?
PCE	320	65.6	9.93E-03	0.832	3.8	300	No
TCE	320	65.6	3.42E-06	0.00286	0.21	20	No
Methylene Chloride	320	65.6	5.52E-05	0.0463	46	1400	No

Notes

Projected flow rates based on pilot testing data.

Temperature readings are an average of pilot testing extracted vapor temperatures

Mass removed is based on laboratory analytical data.

Each pilot test was run for an approximate 30 minute duration. Table 10 includes the projected mass removal during each 30 minute pilot test. Those values were multiplied by 2 for AERSCREEN modeling in lbs/hour.

APPENDIX A
SOIL BORING LOGS

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-1MW-1

Hole No: SB-1/MW-1

Sheet 1 of 1

Date Started: 8-12-20

Date Finished: 8-12-20

Client: MMJD Equities, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 65 Albany Avenue, Kingston, Ulster County, New York

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: J. Bellucci

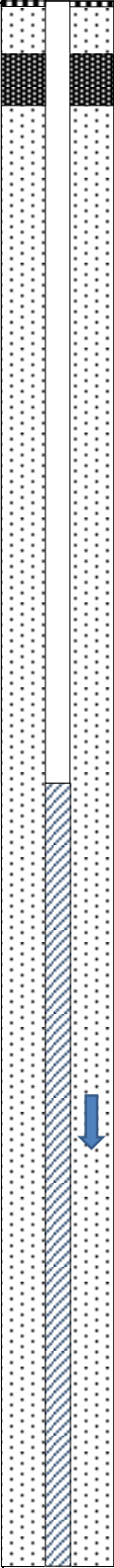
D. Helper: O. Tanner

Drill Rig: Geoprobe

Weather:

Partly Cloudy

80° F @ 0830

Depth (ft.)	Sample					Sample Description	PID (ppm)	Boring Details	Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)		Analytical		
							Readings		
5		1				Asphalt, stone	0.0		Sampled subsurface soils (21-23' bgs, SB-1/MW-1) 1" - GW Well installed @ 30' bgs. 15/ 0.10-slot screen 15/solid riser
		2				Light brown, mixed fill, damp, no odor.			
		3				Brown, f-m sand, damp, no odor.			
		4							
					42"				
10		6				Brown, coarse sand, moist, no odor.	0.0		
		7							
		8							
		9							
					42"				
15		11					0.0		
		12							
		13							
		14							
					38"				
20		16				Grey, silty clay lens @ 18-18.5' bgs, moist, no odor. Brown, coarse sand, moist, no odor.	0.0		
		17							
		18							
		19							
					44"				
25		21				Brown, fine sand, saturated at 22' bgs, no odor.	0.0		
		22							
		23							
		24							
		25			48"				
30		26					0.0		
		27							
		28							
		29							
					32"				
		31							
		32							

Sample Types:

S=Hollow Spoon: ☒ X

R= Rock Core: ☐

N = ASTM D1586
BGS = Below Grade Surface

Backfill Well Key

 Cement

 No. 2 Filter Sand

 Native Fill

 Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484			Soil Boring Log SB-2MW-2			Hole No: SB-2/MW-2			Date Started: 8-12-20		
						Sheet 1 of 1			Date Finished: 8-12-20		
Client: MMJD Equities, LLC			Method of investigation: 2" Hollow Stem Samplers								
Location: 65 Albany Avenue, Kingston, Ulster County, New York											
P. Manager:			Drilling Co: Core Down Drilling				Driller: J. Bellucci				Weather:
Deborah Thompson			Geologist: Deborah Thompson				D. Helper: O. Tanner				Partly Cloudy
							Drill Rig: Geoprobe				80° F @ 0830
Depth	Sample					Sample	PID (ppm)	Boring	Groundwater		
	No.	Depth (ft.)	Blows		Recovery		Analytical			and Other	
(ft.)	No.	Depth (ft.)	per 6"	"N"	(in.)	Description	Readings	Details	Observations		
5		1				Asphalt, stone	0.0		Sampled subsurface soils (24-26' bgs, SB-2/MW-2)		
		2				Light brown, mixed fill, damp, no odor.					
		3				Brown, coarse sand, damp, no odor.					
		4									
						32"					
10		6					0.0		1" - GW Well installed @ 32' bgs. 20' / 0.10-slot screen 12'/solid riser		
		7									
		8									
		9									
					44"						
15		11					0.0				
		12									
		13									
		14									
					38"						
20		16					0.0				
		17									
		18									
		19									
					46"						
25		21					0.0				
		22									
		23									
		24									
		25			40"						
30		26					0.0				
		27									
		28									
		29									
					32"						
		31					0.0				
		32			10"						
Sample Types:						Backfill Well Key					
S=Hollow Spoon: _____ X						 Cement					
R= Rock Core: _____						 Native Fill					
N = ASTM D1586						 No. 2 Filter Sand					
BGS = Below Grade Surface						 Bentonite					

DT CONSULTING SERVICES, INC.

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-3MW-3

Hole No: SB-3/MW-3

Sheet 1 of 1

Date Started: 8-12-20

Date Finished: 8-12-20

Client: MMJD Equities, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 65 Albany Avenue, Kingston, Ulster County, New York

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: J. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe

Weather:

Partly Cloudy

80° F @ 0830

Depth (ft.)	Sample					Sample Description	PID (ppm)	Boring Details	Groundwater and Other Observations		
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)		Analytical				
							Readings				
5		1				Asphalt, stone	0.0				
		2								Light brown, mixed fill, damp, no odor.	
		3									Brown, coarse sand, damp, no odor.
		4									
					46"						
10		6									
		7									
		8									
		9									
					48"						
15		11					0.0				
		12									
		13									
		14									
					52"						
20		16					0.0				
		17									
		18									
		19									
					50"						
25		21				Brown, coarse sand, saturated at 25' bgs, no odor.	0.0				
		22									
		23									
		24									
		25			50"						
30		26					0.0				
		27									
		28									
		29									
					48"						
		31					0.0				
		32			10"						

Sample Types:

S=Hollow Spoon: ☒ X

R= Rock Core: ☐

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

 Cement  Native Fill

 No. 2 Filter Sand  Bentonite

DT CONSULTING SERVICES, INC.

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-4MW-4

Hole No: SB-4/MW-4

Sheet 1 of 1

Date Started: 8-13-20

Date Finished: 8-13-20

Client: MMJD Equities, LLC

Method of investigation: 2" Hollow Stem Samplers

Location: 65 Albany Avenue, Kingston, Ulster County, New York

P. Manager:

Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: J. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe

Weather:

Partly Cloudy

80° F @ 0830

Depth (ft.)	Sample					Sample Description	PID (ppm)	Boring Details	Groundwater and Other Observations		
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)		Analytical				
							Readings				
5		1				Asphalt, stone	0.0				
		2								Light brown, mixed fill, damp, no odor.	
		3									Brown, coarse sand, damp, no odor.
		4									
					36"						
10		6					0.0		Sampled subsurface soils (24-26' bgs, SB-4/MW-4)		
		7									
		8									
		9									
					38"						
15		11					0.0				
		12									
		13									
		14									
					48"						
20		16					0.0				
		17									
		18									
		19									
					50"						
25		21					0.0				
		22									
		23									
		24									
		25			52"					Brown, coarse sand, saturated at 25' bgs, no odor.	
30		26					0.0				
		27									
		28									
		29									
					50"						
		31					0.0				
		32									

Sample Types:

S=Hollow Spoon: ☒ X

R= Rock Core: ☐

N = ASTM D1586
BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

No. 2 Filter Sand

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-1A

Hole No: SB-1A

Date Started: 4-1-22

Sheet 1 of 1

Date Finished: 4-1-22

Client: MMJD Equities, LLC

Method of investigation: 2.25" Hollow Stem Samplers

Location: 65 Albany Avenue, Kingston, Ulster County, New York

P. Manager:

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

Deborah Thompson

Geologist: Deborah Thompson

D. Helper: O. Tanner

Partly Cloudy

Drill Rig: Geoprobe® 7822 DT

45° F @ 0830

Depth (ft.)	Sample					Sample Description	PID (ppm)	Boring		Groundwater
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)		Analytical	Details	and Other	
							Readings			Observations
5		1				Asphalt, stone Light brown, mixed fill, damp, no odor.	0.0			Sampled subsurface soils (1-3' bgs, SB-1A) (23-27' bgs, SB-1B)
		2								
		3								
		4								
					36"					
10		6					0.0			Groundwater encountered 25-ft. bgs. No obvious impacts.
		7								
		8								
		9								
					15"					
15		11					0.0			
		12								
		13								
		14								
					36"					
20		16					0.0			
		17								
		18								
		19								
					42"					
25		21					0.0			
		22								
		23								
		24								
		25			40"					
30		26					0.0			
		27								
		28								
		29								
					32"					
End of borehole.										

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface

Backfill Well Key



Asphalt Patch



Native Fill



No. 2 Filter Sand



Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-2A

Hole No: SB-2A

Date Started: 4-1-22

Sheet 1 of 1

Date Finished: 4-1-22

Client: MMJD Equities, LLC

Method of investigation: 2.25" Hollow Stem Samplers

Location: 65 Albany Avenue, Kingston, Ulster County, New York

P. Manager:

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

Deborah Thompson

Geologist: Deborah Thompson

D. Helper: O. Tanner

Partly Cloudy

Drill Rig: Geoprobe® 7822 DT

45° F @ 0830

Depth (ft.)	Sample					Sample Description	PID (ppm)	Boring		Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)		Analytical			
							Readings	Details		
5		1				Asphalt, stone Light brown, mixed fill, damp, no odor.	0.0			Sampled subsurface soils (1-3' bgs, SB-2A) (23-27' bgs, SB-2B)
		2								
		3								
		4								
					36"					
10		6					0.0			Groundwater encountered 25-ft. bgs. No obvious impacts.
		7								
		8								
		9								
					34"					
15		11					0.0			
		12								
		13								
		14								
					28"					
20		16					0.0			
		17								
		18								
		19								
					42"					
25		21					0.0			
		22								
		23								
		24								
		25			48"					
30		26				End of borehole.	0.0			
		27								
		28								
		29								
					44"					

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface

Backfill Well Key



Asphalt Patch



Native Fill



No. 2 Filter Sand



Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484		Soil Boring Log SB-3A		Hole No: SB-3A		Date Started: 4-1-22		
				Sheet 1 of 1		Date Finished: 4-1-22		
Client: MMJD Equities, LLC				Method of investigation: 2.25" Hollow Stem Samplers				
Location: 65 Albany Avenue, Kingston, Ulster County, New York								
P. Manager:		Drilling Co: Core Down Drilling			Driller: J. Bellucci		Weather:	
Deborah Thompson		Geologist: Deborah Thompson			D. Helper: O. Tanner		Partly Cloudy	
					Drill Rig: Geoprobe® 7822 DT		45° F @ 0830	
Depth	Sample					PID (ppm)	Boring	Groundwater
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)			
(ft.)							Details	
5		1				0.0		Sampled subsurface soils (1-3' bgs, SB-3A) (23-27' bgs, SB-3B)
		2						
		3						
		4						
					24"			
10		6				0.0		Groundwater encountered 25-ft. bgs. No obvious impacts.
		7						
		8						
		9						
					28"			
15		11				0.0		
		12						
		13						
		14						
					30"			
20		16				0.0		
		17						
		18						
		19						
					40"			
25		21				0.0		Brown, sand, saturated at 25-ft. bgs, no odor.
		22						
		23						
		24						
		25			44"			
30		26				0.0		Brown, silty sand, saturated, no odor.
		27						
		28						
		29						
					40"			
End of borehole.						0.0		
Sample Types: S=Hollow Spoon: X R= Rock Core: N = ASTM D1586 BGS = Below Grade Surface						Backfill Well Key Asphalt Patch No. 2 Filter Sand Native Fill Bentonite		

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-4A

Hole No: SB-4A

Date Started: 4-1-22

Sheet 1 of 1

Date Finished: 4-1-22

Client: MMJD Equities, LLC

Method of investigation: 2.25" Hollow Stem Samplers

Location: 65 Albany Avenue, Kingston, Ulster County, New York

P. Manager:

Drilling Co: Core Down Drilling

Driller: J. Bellucci

Weather:

Deborah Thompson

Geologist: Deborah Thompson

D. Helper: O. Tanner

Partly Cloudy

Drill Rig: Geoprobe® 7822 DT

45° F @ 0830

Depth (ft.)	Sample					Sample Description	PID (ppm)	Boring		Groundwater
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)		Analytical	Details		and Other
							Readings			Observations
5		1				Asphalt, stone Light brown, mixed fill, damp, no odor. Brown, sand, damp, no odor.	0.0			Sampled subsurface soils (1-3' bgs, SB-4A) (23-27' bgs, SB-4B)
		2								
		3								
		4								
					40"					
10		6					0.0			Groundwater encountered 25-ft. bgs. No obvious impacts.
		7								
		8								
		9								
					24"			Same.		
15		11					0.0			
		12								
		13								
		14								
					36"			Same.		
20		16					0.0			
		17								
		18								
		19								
					28"			Same, damp-moist, no odor.		
25		21					0.0			
		22								
		23								
		24								
		25			40"			Brown, silty sand, saturated at 25-ft. bgs, no odor.		
30		26					0.0			
		27								
		28								
		29								
					48"			End of borehole.		

Sample Types:

S=Hollow Spoon: X

R= Rock Core:

N = ASTM D1586

BGS = Below Grade Surface

Backfill Well Key



Asphalt Patch



Native Fill



No. 2 Filter Sand



Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484		Soil Boring Log SB-5A		Hole No: SB-5A		Date Started: 4-1-22			
				Sheet 1 of 1		Date Finished: 4-1-22			
Client: MMJD Equities, LLC				Method of investigation: 2.25" Hollow Stem Samplers					
Location: 65 Albany Avenue, Kingston, Ulster County, New York									
P. Manager:		Drilling Co: Core Down Drilling		Driller: J. Bellucci		Weather:			
Deborah Thompson		Geologist: Deborah Thompson		D. Helper: O. Tanner		Partly Cloudy			
				Drill Rig: Geoprobe® 7822 DT		45° F @ 0830			
Depth	Sample					PID (ppm)	Boring	Groundwater	
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (in.)				Sample
(ft.)						Analytical	Details	Observations	
5		1				0.0		Asphalt, stone Light brown, mixed fill, damp, no odor. Brown, sand, damp, no odor.	
		2							
		3							
		4							
					50"				
10		6				0.0		Sampled subsurface soils (1-3' bgs, SB-5A) (23-27' bgs, SB-5B) Duplicate sample collected 23-27' bgs. Denoted as SB-5B Dup Groundwater encountered 25-ft. bgs. No obvious impacts.	
		7							
		8							
		9							
					34"				
15		11				0.0		Same.	
		12							
		13							
		14							
					26"				
20		16				0.0		Same.	
		17							
		18							
		19							
					30"				
25		21				0.0		Same, damp-moist, no odor.	
		22							
		23							
		24							
		25			36"				
30		26				0.0		Brown, silty sand, saturated at 25-ft. bgs, no odor.	
		27							
		28							
		29							
					46"				
End of borehole.									
Sample Types:						Backfill Well Key			
S=Hollow Spoon: X							Asphalt Patch		Native Fill
R= Rock Core:							No. 2 Filter Sand		Bentonite
N = ASTM D1586						BGS = Below Grade Surface			

APPENDIX B
CAMP FIELD DATA SHEETS

Community Air Monitoring

4/1/2022

Job Name/Site Number: MMJD Equities, LLC - Kingston, NY/356060

UPWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 030992/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Upwind	0900	0.014	0.0	Soil boring/soil cores. Groundwater sampling.
	0915	0.018	0.0	Soil gas sampling.
	0930	0.016	0.0	
	0945	0.018	0.0	
	1000	0.017	0.0	
	1015	0.018	0.0	
	1030	0.017	0.0	
	1045	0.016	0.0	
	1100	0.011	0.0	
	1115	0.012	0.0	
	1130	0.010	0.0	
	1145	0.010	0.0	
	1200	0.009	0.0	
	1215	0.009	0.0	
	1230	0.009	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Upwind	1245	0.006	0.0	Soil boring/soil cores. Groundwater sampling.
	1300	0.010	0.0	Soil gas sampling.
	1315	0.007	0.0	
	1330	0.010	0.0	
	1345	0.008	0.0	
	1400	0.009	0.0	
	1415	0.009	0.0	
	1430	0.010	0.0	
	1445	0.010	0.0	
	1500	0.009	0.0	
	1515	0.007	0.0	

Community Air Monitoring

4/1/2022

Job Name/Site Number: MMJD Equities, LLC - Kingston, NY/356060

DOWNWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 032417/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Downwind	0900	0.015	0.0	Soil boring/soil cores. Groundwater sampling.
	0915	0.016	0.0	Soil gas sampling.
	0930	0.017	0.0	
	0945	0.015	0.0	
	1000	0.019	0.0	
	1015	0.018	0.0	
	1030	0.018	0.0	
	1045	0.017	0.0	
	1100	0.019	0.0	
	1115	0.018	0.0	
	1130	0.013	0.0	
	1145	0.012	0.0	
	1200	0.013	0.0	
	1215	0.011	0.0	
	1230	0.009	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Downwind	1245	0.008	0.0	
	1300	0.010	0.0	
	1315	0.009	0.0	
	1330	0.011	0.0	
	1345	0.008	0.0	
	1400	0.009	0.0	
	1415	0.010	0.0	
	1430	0.012	0.0	
	1445	0.011	0.0	
	1500	0.009	0.0	
	1515	0.008	0.0	

Community Air Monitoring

4/2/2022

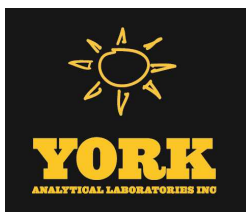
Job Name/Site Number: MMJD Equities, LLC - Kingston, NY/356060

INTERNAL – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 030992/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
EW-1	0900	0.009	0.0	Installation of extraction well for SSDS.
	0915	0.047	0.0	
	0930	0.009	0.0	
	0945	0.005	0.0	
	1000	0.006	0.0	
EW-2	1030	0.037	0.0	Installation of extraction well for SSDS.
	1045	0.040	0.0	
	1100	0.042	0.0	
	1115	0.038	0.0	
	1130	0.099	0.0	
EW-3	1200	0.013	0.0	Installation of extraction well for SSDS.
	1215	0.066	0.0	
	1230	0.049	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
EW-3	1245	0.107	0.0	Installation of extraction well for SSDS.
(continued)				

APPENDIX C
Soil LABORATORY ANALYTICAL REPORT



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/12/2022

Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0075

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: 04/12/2022
Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0075

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2022 and listed below. The project was identified as your project: **356060 65 Albany Avenue Kingston, New York**.

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>
22D0075-01	SB-1A	Soil	04/01/2022	04/04/2022
22D0075-02	SB-1B	Soil	04/01/2022	04/04/2022
22D0075-03	SB-2A	Soil	04/01/2022	04/04/2022
22D0075-04	SB-2B	Soil	04/01/2022	04/04/2022
22D0075-05	SB-3A	Soil	04/01/2022	04/04/2022
22D0075-06	SB-3B	Soil	04/01/2022	04/04/2022
22D0075-07	SB-4A	Soil	04/01/2022	04/04/2022
22D0075-08	SB-4B	Soil	04/01/2022	04/04/2022
22D0075-09	SB-5A	Soil	04/01/2022	04/04/2022
22D0075-10	SB-5B	Soil	04/01/2022	04/04/2022
22D0075-11	SB-5B Dup	Soil	04/01/2022	04/04/2022
22D0075-12	Field Blank	Water	04/01/2022	04/04/2022

General Notes for York Project (SDG) No.: 22D0075

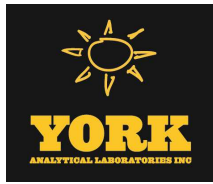
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 

Date: 04/12/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

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		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 06:51	04/08/2022 14:19	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 06:51	04/08/2022 14:19	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 14:19	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.075	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 14:19	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
75-09-2	Methylene chloride	0.021		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C Certifications:	04/08/2022 06:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/08/2022 06:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 14:19	BMC



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

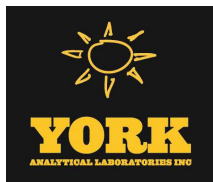
Volatile Organics, 8260 - Comprehensive

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
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.075	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/08/2022 06:51	04/08/2022 14:19	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH	04/08/2022 06:51	04/08/2022 14:19	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 06:51	04/08/2022 14:19	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 06:51	04/08/2022 14:19	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	92.7 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

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Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 17:35	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:35	KH



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

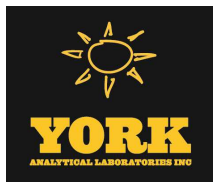
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.0795	J	mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

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Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 17:35	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	76.6 %									
4165-62-2	Surrogate: SURR: Phenol-d5	76.4 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.4 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.6 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	63.6 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	88.9 %									

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/06/2022 07:35	04/06/2022 20:52	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	42.0 %								

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	1.73		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.258	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:12	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		82.9 %	25-150							
Surrogate: M5PFHxA		84.2 %	25-150							
Surrogate: M4PFHpA		93.8 %	25-150							
Surrogate: M3PFHxS		97.9 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		95.4 %	25-150							



Sample Information

Client Sample ID: SB-1A

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356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M6PFDA	84.5 %		25-150						
	Surrogate: M7PFUdA	76.5 %		25-150						
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	67.5 %		25-150						
	Surrogate: M2PFTeDA	58.3 %		10-150						
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	89.5 %		25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	77.5 %		25-150						
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	84.7 %		25-150						
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	61.1 %		10-150						
	Surrogate: d3-N-MeFOSAA	72.1 %		25-150						
	Surrogate: d5-N-EtFOSAA	106 %		25-150						
	Surrogate: M2-6:2 FTS	209 %	PFSu-H	25-200						
	Surrogate: M2-8:2 FTS	270 %	PFSu-H	25-200						
	Surrogate: M9PFNA	72.9 %		25-150						

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		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 13:23	04/11/2022 10:43	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM



Sample Information

Client Sample ID: SB-1A

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22D0075

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Soil

April 1, 2022 10:29 am

04/04/2022

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
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/08/2022 13:23	04/11/2022 10:43	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 13:23	04/11/2022 10:43	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/11/2022 10:43	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B Certifications:	04/08/2022 13:23	04/11/2022 10:43	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	112 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	69.2 %	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	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ



Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0075-01

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:29 am

04/04/2022

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:23	04/10/2022 13:34	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	04/08/2022 13:23	04/10/2022 13:34	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	69.5 %		30-120						

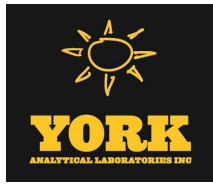
Metals, Target Analyte

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	9880		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-36-0	Antimony	3.45		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-38-2	Arsenic	8.86		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-39-3	Barium	51.5		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-41-7	Beryllium	0.291		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-43-9	Cadmium	0.528		mg/kg dry	0.319	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-70-2	Calcium	17700		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-47-3	Chromium	11.7		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-48-4	Cobalt	6.93		mg/kg dry	0.425	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-50-8	Copper	21.4		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7439-89-6	Iron	17700		mg/kg dry	26.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7439-92-1	Lead	84.7		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7439-95-4	Magnesium	3170		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT



Sample Information

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Soil

April 1, 2022 10:29 am

04/04/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	438		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-02-0	Nickel	3.06		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-09-7	Potassium	1080		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-22-4	Silver	ND		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-23-5	Sodium	216		mg/kg dry	53.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-28-0	Thallium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-62-2	Vanadium	15.2		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT
7440-66-6	Zinc	86.2		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:03	KT

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	0.0453		mg/kg dry	0.0319	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 11:13	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.531	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 08:00	04/05/2022 13:06	TJA

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	94.1		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:23	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:23	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:23	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:23	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
75-09-2	Methylene chloride	0.057		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:23	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:23	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	94.8 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
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ClientServices@



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH



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Soil

April 1, 2022 10:44 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
62-53-3	Aniline	ND		mg/kg dry	0.195	0.391	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.391	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 18:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0976	0.195	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:05	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	82.9 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	80.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	84.7 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	80.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	88.6 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/06/2022 07:35	04/06/2022 21:09	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	46.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL



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PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.287	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 18:51	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		82.8 %	25-150							
Surrogate: M5PFHxA		85.2 %	25-150							
Surrogate: M4PFHpA		92.1 %	25-150							
Surrogate: M3PFHxS		85.6 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		85.7 %	25-150							
Surrogate: M6PFDA		84.6 %	25-150							
Surrogate: M7PFUdA		73.0 %	25-150							



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	75.1 %			25-150					
	Surrogate: M2PFTeDA	54.9 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	85.6 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	84.8 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	66.1 %			10-150					
	Surrogate: d3-N-MeFOSAA	67.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	79.5 %			25-150					
	Surrogate: M2-6:2 FTS	89.5 %			25-200					
	Surrogate: M2-8:2 FTS	82.1 %			25-200					
	Surrogate: M9PFNA	83.9 %			25-150					

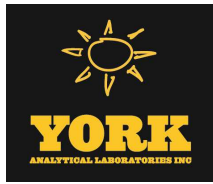
Pesticides, 8081 Target List

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		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 15:51	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 15:51	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

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		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 15:51	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 15:51	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 15:51	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	122 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	97.9 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 10:44 am

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:33	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 16:33	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	79.0 %		30-120						

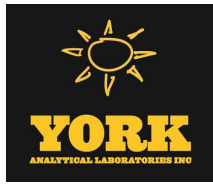
Metals, Target Analyte

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	7350		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-36-0	Antimony	5.33		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-39-3	Barium	28.8		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-41-7	Beryllium	0.179		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.356	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-70-2	Calcium	335		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-47-3	Chromium	9.21		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-48-4	Cobalt	7.24		mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-50-8	Copper	12.7		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7439-89-6	Iron	15300		mg/kg dry	29.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7439-92-1	Lead	5.16		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7439-95-4	Magnesium	2330		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7439-96-5	Manganese	385		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-02-0	Nickel	ND		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT



Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0075-02

York Project (SDG) No.

22D0075

Client Project ID

356060 65 Albany Avenue Kingston, New York

Matrix

Soil

Collection Date/Time

April 1, 2022 10:44 am

Date Received

04/04/2022

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
7440-09-7	Potassium	1000		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7782-49-2	Selenium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-22-4	Silver	ND		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-23-5	Sodium	141		mg/kg dry	59.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-28-0	Thallium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-62-2	Vanadium	10.9		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT
7440-66-6	Zinc	35.5		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:06	KT

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	0.0356	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 11:21	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.593	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 08:00	04/05/2022 13:06	TJA

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	84.3		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:48	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:48	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:48	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
67-64-1	Acetone	0.014	CCV-E	mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.035	0.069	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 14:48	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
75-09-2	Methylene chloride	0.031		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0022	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 14:48	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.035	0.069	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 14:48	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	94.8 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
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(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 18:35	KH
56-55-3	Benzo(a)anthracene	0.0523	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
50-32-8	Benzo(a)pyrene	0.0586	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
205-99-2	Benzo(b)fluoranthene	0.0537	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
191-24-2	Benzo(g,h,i)perylene	0.0473	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0884	0.177	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
218-01-9	Chrysene	0.0502	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
206-44-0	Fluoranthene	0.0975		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.0530	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:35	KH



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
85-01-8	Phenanthrene	0.0494	J	mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
129-00-0	Pyrene	0.0939		mg/kg dry	0.0443	0.0884	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 18:35	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	67.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	67.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.9 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/06/2022 07:35	04/06/2022 21:43	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	44.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL



Sample Information

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Soil

April 1, 2022 11:20 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	0.344		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:04	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		88.0 %	25-150							
Surrogate: M5PFHxA		91.6 %	25-150							
Surrogate: M4PFHpA		100 %	25-150							
Surrogate: M3PFHxS		93.0 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		90.0 %	25-150							
Surrogate: M6PFDA		87.9 %	25-150							
Surrogate: M7PFUdA		78.8 %	25-150							



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.9 %			25-150					
	Surrogate: M2PFTeDA	72.5 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.5 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	75.6 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	91.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	59.8 %			10-150					
	Surrogate: d3-N-MeFOSAA	65.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	82.5 %			25-150					
	Surrogate: M2-6:2 FTS	178 %			25-200					
	Surrogate: M2-8:2 FTS	128 %			25-200					
	Surrogate: M9PFNA	81.7 %			25-150					

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		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
5103-71-9	alpha-Chlordane	0.260		mg/kg dry	0.00178	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:08	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
60-57-1	Dieldrin	0.0140		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 16:08	CM



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
5566-34-7	gamma-Chlordane	0.183		mg/kg dry	0.00178	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:08	CM
76-44-8	Heptachlor	0.0227		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:08	CM
12789-03-6	* Chlordane, total	0.819		mg/kg dry	0.0357	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 16:08	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	144 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	7.32 %	S-GC							

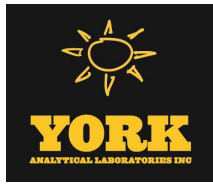
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 16:47	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 16:47	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	68.5 %		30-120						

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	10400		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-36-0	Antimony	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-38-2	Arsenic	8.48		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-39-3	Barium	82.1		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-41-7	Beryllium	0.410		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-43-9	Cadmium	0.611		mg/kg dry	0.326	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-70-2	Calcium	44400		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-47-3	Chromium	13.4		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-48-4	Cobalt	8.77		mg/kg dry	0.435	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-50-8	Copper	23.8		mg/kg dry	2.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7439-89-6	Iron	19600		mg/kg dry	27.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7439-92-1	Lead	104		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7439-95-4	Magnesium	4180		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7439-96-5	Manganese	603		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT



Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0075-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:20 am

04/04/2022

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
7440-02-0	Nickel	4.80		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-09-7	Potassium	1240		mg/kg dry	5.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7782-49-2	Selenium	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-23-5	Sodium	513		mg/kg dry	54.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-28-0	Thallium	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-62-2	Vanadium	17.8		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT
7440-66-6	Zinc	80.7		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:08	KT

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	0.104		mg/kg dry	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 11:30	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 08:00	04/05/2022 13:06	TJA

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	91.9		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:14	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:14	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:14	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.075	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:14	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
75-09-2	Methylene chloride	0.068		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:14	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.075	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:14	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	93.1 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
62-53-3	Aniline	ND		mg/kg dry	0.201	0.403	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.403	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 19:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

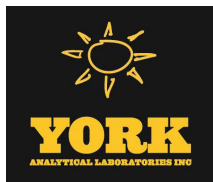
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.201	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:05	KH



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	50.9 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	49.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	52.5 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.3 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	46.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	52.1 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/06/2022 07:35	04/06/2022 21:59	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	46.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL



Sample Information

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Soil

April 1, 2022 11:47 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	5.19		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.305	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:17	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		83.5 %	25-150							
Surrogate: M5PFHxA		85.0 %	25-150							
Surrogate: M4PFHpA		89.1 %	25-150							
Surrogate: M3PFHxS		88.2 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		81.7 %	25-150							
Surrogate: M6PFDA		80.4 %	25-150							
Surrogate: M7PFUdA		68.7 %	25-150							



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	70.6 %			25-150					
	Surrogate: M2PFTeDA	54.9 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	79.8 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	84.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	62.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	59.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	70.5 %			25-150					
	Surrogate: M2-6:2 FTS	55.9 %			25-200					
	Surrogate: M2-8:2 FTS	93.0 %			25-200					
	Surrogate: M9PFNA	78.5 %			25-150					

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		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:25	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 16:25	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:25	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:25	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0393	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 16:25	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	118 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	91.5 %		30-150						

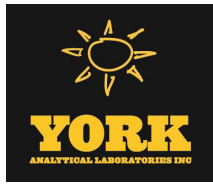
Polychlorinated Biphenyls (PCB)

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	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:00	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 17:00	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %		30-120						

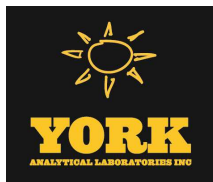
Metals, Target Analyte

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	6540		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-36-0	Antimony	4.83		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-38-2	Arsenic	3.74		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-39-3	Barium	26.1		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-41-7	Beryllium	0.201		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.368	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-70-2	Calcium	586		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-47-3	Chromium	8.67		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-48-4	Cobalt	6.44		mg/kg dry	0.490	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-50-8	Copper	11.8		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7439-89-6	Iron	15200		mg/kg dry	30.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7439-92-1	Lead	4.33		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7439-95-4	Magnesium	2320		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7439-96-5	Manganese	324		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-02-0	Nickel	ND		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT



Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0075-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 11:47 am

04/04/2022

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
7440-09-7	Potassium	962		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-23-5	Sodium	149		mg/kg dry	61.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-28-0	Thallium	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-62-2	Vanadium	9.77		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT
7440-66-6	Zinc	37.0		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:17	KT

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	0.0368	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 11:39	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.613	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 08:00	04/05/2022 13:06	TJA

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	81.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

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		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:39	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:39	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:39	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.032	0.065	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 15:39	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
75-09-2	Methylene chloride	0.020		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0020	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 15:39	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.032	0.065	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 15:39	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	94.0 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

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@



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 19:35	KH
56-55-3	Benzo(a)anthracene	0.102		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
50-32-8	Benzo(a)pyrene	0.107		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
205-99-2	Benzo(b)fluoranthene	0.0974		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
191-24-2	Benzo(g,h,i)perylene	0.0849	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
207-08-9	Benzo(k)fluoranthene	0.0849	J	mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

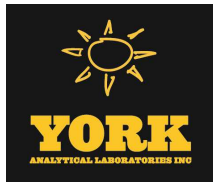
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
218-01-9	Chrysene	0.101		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
206-44-0	Fluoranthene	0.200		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.0883		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 19:35	KH



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
85-01-8	Phenanthrene	0.128		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
129-00-0	Pyrene	0.186		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 19:35	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	89.1 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	87.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	97.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	97.5 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	85.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	98.7 %	24-116								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/06/2022 07:35	04/06/2022 22:16	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	44.0 %	39-127.5							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:43	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		84.4 %	25-150							
Surrogate: M5PFHxA		85.4 %	25-150							
Surrogate: M4PFHpA		90.8 %	25-150							
Surrogate: M3PFHxS		93.4 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		86.4 %	25-150							
Surrogate: M6PFDA		88.2 %	25-150							
Surrogate: M7PFUdA		70.9 %	25-150							



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	70.3 %			25-150					
	Surrogate: M2PFTeDA	61.0 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	89.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	77.1 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	87.1 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	67.1 %			10-150					
	Surrogate: d3-N-MeFOSAA	61.2 %			25-150					
	Surrogate: d5-N-EtFOSAA	75.7 %			25-150					
	Surrogate: M2-6:2 FTS	79.4 %			25-200					
	Surrogate: M2-8:2 FTS	82.3 %			25-200					
	Surrogate: M9PFNA	78.7 %			25-150					

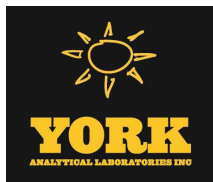
Pesticides, 8081 Target List

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		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
5103-71-9	alpha-Chlordane	0.0205		mg/kg dry	0.00170	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:42	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 16:42	CM



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

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		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
5566-34-7	gamma-Chlordane	0.0152		mg/kg dry	0.00170	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:42	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:42	CM
12789-03-6	* Chlordane, total	0.0698		mg/kg dry	0.0340	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 16:42	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	71.5 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	2.07 %	S-GC	30-150						

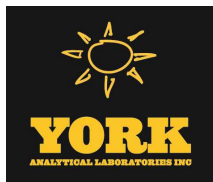
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:00 pm

04/04/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:14	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 17:14	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	42.0 %								

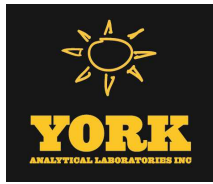
Metals, Target Analyte

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	7400		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-36-0	Antimony	4.84		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-39-3	Barium	18.9		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-41-7	Beryllium	0.252		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-43-9	Cadmium	0.331		mg/kg dry	0.314	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-70-2	Calcium	345		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-47-3	Chromium	9.36		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-48-4	Cobalt	6.54		mg/kg dry	0.419	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-50-8	Copper	12.2		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7439-89-6	Iron	15900		mg/kg dry	26.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7439-92-1	Lead	4.17		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7439-95-4	Magnesium	2600		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7439-96-5	Manganese	344		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT



Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0075-05

York Project (SDG) No.

22D0075

Client Project ID

356060 65 Albany Avenue Kingston, New York

Matrix

Soil

Collection Date/Time

April 1, 2022 12:00 pm

Date Received

04/04/2022

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
7440-02-0	Nickel	2.94		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-09-7	Potassium	830		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-23-5	Sodium	99.7		mg/kg dry	52.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-28-0	Thallium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-62-2	Vanadium	9.76		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT
7440-66-6	Zinc	36.1		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:20	KT

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	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 11:48	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 08:00	04/05/2022 13:06	TJA

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	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:05	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:05	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.093	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:05	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
67-64-1	Acetone	0.0057	CCV-E, J	mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:05	BMC



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
64-17-5	* Ethanol	0.13		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
75-09-2	Methylene chloride	0.043		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:05	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	92.8 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
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(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
62-53-3	Aniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.359	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 20:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

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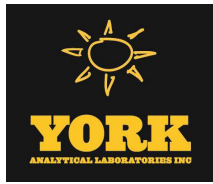
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:05	KH



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

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22D0075

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Soil

April 1, 2022 12:32 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	86.4 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	83.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	126 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	90.3 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.0 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.8 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/05/2022 13:24	04/06/2022 15:32	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	52.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL



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PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 19:56	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		89.4 %	25-150							
Surrogate: M5PFHxA		87.6 %	25-150							
Surrogate: M4PFHpA		90.7 %	25-150							
Surrogate: M3PFHxS		95.6 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		98.4 %	25-150							
Surrogate: M6PFDA		84.0 %	25-150							
Surrogate: M7PFUdA		77.2 %	25-150							



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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	72.8 %			25-150					
	Surrogate: M2PFTeDA	53.1 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.7 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	83.0 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	92.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	59.2 %			10-150					
	Surrogate: d3-N-MeFOSAA	64.7 %			25-150					
	Surrogate: d5-N-EtFOSAA	73.9 %			25-150					
	Surrogate: M2-6:2 FTS	100 %			25-200					
	Surrogate: M2-8:2 FTS	84.6 %			25-200					
	Surrogate: M9PFNA	76.5 %			25-150					

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		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:59	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 16:59	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 16:59	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 16:59	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 16:59	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	139 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	95.0 %		30-150						

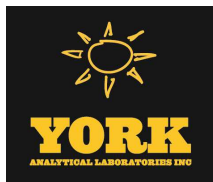
Polychlorinated Biphenyls (PCB)

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	04/06/2022 13:28	04/07/2022 17:28	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:28	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 17:28	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	77.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	71.5 %		30-120						

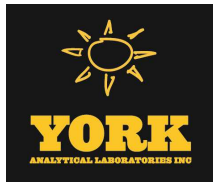
Metals, Target Analyte

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	6930		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-36-0	Antimony	4.71		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-38-2	Arsenic	3.85		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-39-3	Barium	26.5		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-41-7	Beryllium	0.215		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-70-2	Calcium	558		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-47-3	Chromium	8.60		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-48-4	Cobalt	6.38		mg/kg dry	0.443	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-50-8	Copper	11.4		mg/kg dry	2.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7439-89-6	Iron	15500		mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7439-92-1	Lead	4.36		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7439-95-4	Magnesium	2630		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7439-96-5	Manganese	375		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-02-0	Nickel	ND		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT



Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0075-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 12:32 pm

04/04/2022

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
7440-09-7	Potassium	955		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-23-5	Sodium	95.3		mg/kg dry	55.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-62-2	Vanadium	9.48		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT
7440-66-6	Zinc	36.9		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:23	KT

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	0.0332	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 11:57	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 08:06	04/06/2022 13:46	TJA

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	90.3		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:31	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:31	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:31	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
67-64-1	Acetone	0.0077	CCV-E, J	mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.039	0.078	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
75-09-2	Methylene chloride	0.014		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0097	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:31	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.039	0.078	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:31	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	93.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
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(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.371	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 20:35	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 20:35	KH



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 20:35	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	58.9 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	56.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	63.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	58.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.0 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/05/2022 13:24	04/06/2022 15:49	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	52.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

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356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	1.19		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.273	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:09	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		79.9 %	25-150							
Surrogate: M5PFHxA		83.4 %	25-150							
Surrogate: M4PFHpA		95.6 %	25-150							
Surrogate: M3PFHxS		92.4 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		80.9 %	25-150							
Surrogate: M6PFDA		68.1 %	25-150							
Surrogate: M7PFUdA		62.9 %	25-150							



Sample Information

Client Sample ID: SB-4A

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Soil

April 1, 2022 1:20 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	63.8 %			25-150					
	Surrogate: M2PFTeDA	48.4 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	65.2 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	82.5 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	60.0 %			10-150					
	Surrogate: d3-N-MeFOSAA	54.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	69.7 %			25-150					
	Surrogate: M2-6:2 FTS	64.8 %			25-200					
	Surrogate: M2-8:2 FTS	74.3 %			25-200					
	Surrogate: M9PFNA	71.7 %			25-150					

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		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 17:15	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 17:15	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 17:15	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:15	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 17:15	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	117 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.5 %		30-150						

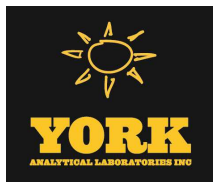
Polychlorinated Biphenyls (PCB)

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	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:41	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 17:41	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	65.5 %		30-120						

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	11600		mg/kg dry	5.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-36-0	Antimony	5.97		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-38-2	Arsenic	2.38		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-39-3	Barium	57.7		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-41-7	Beryllium	0.362		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-70-2	Calcium	1330		mg/kg dry	5.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-47-3	Chromium	12.9		mg/kg dry	0.570	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-48-4	Cobalt	7.97		mg/kg dry	0.456	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-50-8	Copper	18.9		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7439-89-6	Iron	20700		mg/kg dry	28.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7439-92-1	Lead	98.1		mg/kg dry	0.570	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7439-95-4	Magnesium	3390		mg/kg dry	5.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7439-96-5	Manganese	645		mg/kg dry	0.570	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-02-0	Nickel	1.53		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT



Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0075-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 1:20 pm

04/04/2022

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
7440-09-7	Potassium	876		mg/kg dry	5.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-22-4	Silver	ND		mg/kg dry	0.570	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-23-5	Sodium	243		mg/kg dry	57.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-62-2	Vanadium	15.2		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT
7440-66-6	Zinc	51.5		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:25	KT

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	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 12:06	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.570	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 08:06	04/06/2022 13:46	TJA

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	87.7		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

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		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:56	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:56	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:56	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
67-64-1	Acetone	0.0064	CCV-E, J	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.045	0.089	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 16:56	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
75-09-2	Methylene chloride	0.081		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 16:56	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.045	0.089	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 16:56	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	93.5 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
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(203) 325-1371

132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH



Sample Information

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356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
62-53-3	Aniline	ND		mg/kg dry	0.221	0.441	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
92-87-5	Benzidine	ND		mg/kg dry	0.221	0.441	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 21:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:05	KH



Sample Information

Client Sample ID: SB-4B

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356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	44.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	45.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	41.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	45.7 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/05/2022 13:24	04/06/2022 16:06	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	48.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL



Sample Information

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Soil

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04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.332	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:22	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		86.4 %	25-150							
Surrogate: M5PFHxA		90.1 %	25-150							
Surrogate: M4PFHpA		103 %	25-150							
Surrogate: M3PFHxS		94.0 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		91.8 %	25-150							
Surrogate: M6PFDA		79.2 %	25-150							
Surrogate: M7PFUdA		70.5 %	25-150							



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04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.2 %			25-150					
	Surrogate: M2PFTeDA	68.8 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	93.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	83.3 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	87.5 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	61.3 %			10-150					
	Surrogate: d3-N-MeFOSAA	62.8 %			25-150					
	Surrogate: d5-N-EtFOSAA	75.7 %			25-150					
	Surrogate: M2-6:2 FTS	108 %			25-200					
	Surrogate: M2-8:2 FTS	89.6 %			25-200					
	Surrogate: M9PFNA	84.7 %			25-150					

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		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 17:32	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 17:32	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

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		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 17:32	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.221	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:32	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0443	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 17:32	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	213 %	S-D	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	161 %	S-D	30-150						

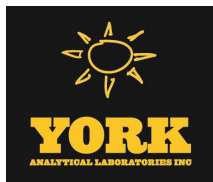
Polychlorinated Biphenyls (PCB)

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	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 2:42 pm

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 17:55	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 17:55	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	132 %	S-D	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	134 %	S-D	30-120						

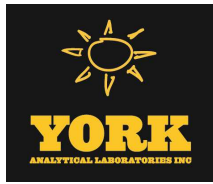
Metals, Target Analyte

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	7380		mg/kg dry	6.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-36-0	Antimony	4.27		mg/kg dry	3.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-38-2	Arsenic	ND		mg/kg dry	2.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-39-3	Barium	29.9		mg/kg dry	3.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-41-7	Beryllium	0.220		mg/kg dry	0.068	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.408	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-70-2	Calcium	542		mg/kg dry	6.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-47-3	Chromium	10.1		mg/kg dry	0.680	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-48-4	Cobalt	6.92		mg/kg dry	0.544	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-50-8	Copper	13.0		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7439-89-6	Iron	15800		mg/kg dry	34.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7439-92-1	Lead	4.97		mg/kg dry	0.680	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7439-95-4	Magnesium	2670		mg/kg dry	6.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7439-96-5	Manganese	348		mg/kg dry	0.680	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-02-0	Nickel	ND		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT



Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0075-08

York Project (SDG) No.

22D0075

Client Project ID

356060 65 Albany Avenue Kingston, New York

Matrix

Soil

Collection Date/Time

April 1, 2022 2:42 pm

Date Received

04/04/2022

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
7440-09-7	Potassium	1120		mg/kg dry	6.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7782-49-2	Selenium	ND		mg/kg dry	3.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-22-4	Silver	ND		mg/kg dry	0.680	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-23-5	Sodium	102		mg/kg dry	68.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-28-0	Thallium	ND		mg/kg dry	3.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-62-2	Vanadium	10.3		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT
7440-66-6	Zinc	40.9		mg/kg dry	3.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:28	KT

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	0.0408	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 12:15	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.680	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 08:06	04/06/2022 13:46	TJA

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	73.5		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

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		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:22	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:22	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 17:22	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	04/07/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
67-64-1	Acetone	0.0092	CCV-E	mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 17:22	BMC



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

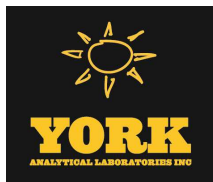
Volatile Organics, 8260 - Comprehensive

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.036	0.072	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:22	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
75-09-2	Methylene chloride	0.059		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0090	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:22	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.036	0.072	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
127-18-4	Tetrachloroethylene	0.0030	QL-02, J	mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:22	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	94.1 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

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@



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,PADEP	04/07/2022 21:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,PADEP	04/07/2022 21:35	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,PADEP	04/07/2022 21:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 21:35	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 21:35	KH



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 21:35	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	69.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	66.3 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.1 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/05/2022 13:24	04/06/2022 18:37	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:35	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		82.1 %	25-150							
Surrogate: M5PFHxA		81.3 %	25-150							
Surrogate: M4PFHpA		89.8 %	25-150							
Surrogate: M3PFHxS		84.8 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		89.3 %	25-150							
Surrogate: M6PFDA		72.1 %	25-150							
Surrogate: M7PFUdA		63.3 %	25-150							



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

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Matrix

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Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	67.7 %			25-150					
	Surrogate: M2PFTeDA	43.7 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	60.6 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	85.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	54.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	61.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	67.9 %			25-150					
	Surrogate: M2-6:2 FTS	103 %			25-200					
	Surrogate: M2-8:2 FTS	78.1 %			25-200					
	Surrogate: M9PFNA	64.2 %			25-150					

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		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 17:49	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/06/2022 13:28	04/08/2022 17:49	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

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		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/06/2022 13:28	04/08/2022 17:49	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/08/2022 17:49	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B Certifications:	04/06/2022 13:28	04/08/2022 17:49	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	240 %	S-D	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	187 %	S-D	30-150						

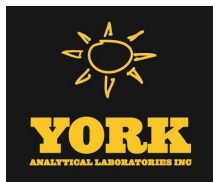
Polychlorinated Biphenyls (PCB)

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	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:28	04/07/2022 18:09	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	04/06/2022 13:28	04/07/2022 18:09	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	165 %	S-D	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	154 %	S-D	30-120						

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	10100		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-36-0	Antimony	5.48		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-38-2	Arsenic	1.76		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-39-3	Barium	27.9		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-41-7	Beryllium	0.293		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-70-2	Calcium	238		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-47-3	Chromium	11.7		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-48-4	Cobalt	7.12		mg/kg dry	0.426	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-50-8	Copper	14.0		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7439-89-6	Iron	18200		mg/kg dry	26.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7439-92-1	Lead	4.54		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7439-95-4	Magnesium	2930		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7439-96-5	Manganese	420		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-02-0	Nickel	1.79		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT



Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0075-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:00 pm

04/04/2022

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
7440-09-7	Potassium	876		mg/kg dry	5.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-22-4	Silver	ND		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-23-5	Sodium	759		mg/kg dry	53.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-28-0	Thallium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-62-2	Vanadium	12.2		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT
7440-66-6	Zinc	40.0		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:30	KT

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	0.0489		mg/kg dry	0.0319	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 12:45	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 08:06	04/06/2022 13:46	TJA

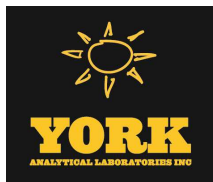
Total Solids

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	94.0		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:47	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:47	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:47	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.041	0.081	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 17:47	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
75-09-2	Methylene chloride	0.054		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 17:47	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.041	0.081	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
127-18-4	Tetrachloroethylene	0.0081	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 17:47	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	94.5 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 22:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:05	KH



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

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Matrix

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	72.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	70.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	75.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	67.0 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.8 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/05/2022 13:24	04/06/2022 18:54	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 20:48	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		83.6 %	25-150							
Surrogate: M5PFHxA		85.5 %	25-150							
Surrogate: M4PFHpA		89.5 %	25-150							
Surrogate: M3PFHxS		95.2 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		86.0 %	25-150							
Surrogate: M6PFDA		66.4 %	25-150							
Surrogate: M7PFUdA		55.4 %	25-150							



Sample Information

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356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	57.4 %			25-150					
	Surrogate: M2PFTeDA	39.3 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.1 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	72.1 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	84.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	52.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	51.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	61.3 %			25-150					
	Surrogate: M2-6:2 FTS	69.2 %			25-200					
	Surrogate: M2-8:2 FTS	60.2 %			25-200					
	Surrogate: M9PFNA	70.7 %			25-150					

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		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/05/2022 13:29	04/07/2022 12:31	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/05/2022 13:29	04/07/2022 12:31	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/05/2022 13:29	04/07/2022 12:31	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:31	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B Certifications:	04/05/2022 13:29	04/07/2022 12:31	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	130 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	95.0 %		30-150						

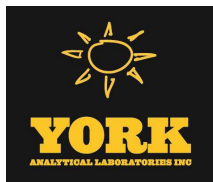
Polychlorinated Biphenyls (PCB)

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	04/05/2022 13:29	04/06/2022 16:23	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ



Sample Information

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356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:23	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	04/05/2022 13:29	04/06/2022 16:23	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	75.5 %		30-120						

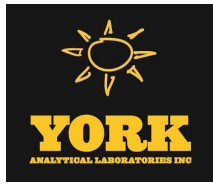
Metals, Target Analyte

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	6920		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-36-0	Antimony	4.03		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-39-3	Barium	29.4		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-41-7	Beryllium	0.209		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-70-2	Calcium	300		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-47-3	Chromium	8.85		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-48-4	Cobalt	6.09		mg/kg dry	0.428	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-50-8	Copper	10.5		mg/kg dry	2.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7439-89-6	Iron	14600		mg/kg dry	26.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7439-92-1	Lead	3.10		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7439-95-4	Magnesium	2470		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7439-96-5	Manganese	331		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-02-0	Nickel	1.27		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT



Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0075-10

York Project (SDG) No.

22D0075

Client Project ID

356060 65 Albany Avenue Kingston, New York

Matrix

Soil

Collection Date/Time

April 1, 2022 4:17 pm

Date Received

04/04/2022

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
7440-09-7	Potassium	858		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-23-5	Sodium	247		mg/kg dry	53.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-28-0	Thallium	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-62-2	Vanadium	8.62		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT
7440-66-6	Zinc	34.4		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:33	KT

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	0.0321	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 12:53	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 08:06	04/06/2022 13:46	TJA

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	93.4		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 18:13	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 18:13	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC



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Soil

April 1, 2022 4:17 pm

04/04/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 18:13	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
67-64-1	Acetone	0.0067	CCV-E, J	mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

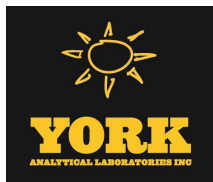
Volatile Organics, 8260 - Comprehensive

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
64-17-5	* Ethanol	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/07/2022 06:25	04/07/2022 18:13	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
75-09-2	Methylene chloride	0.099		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/07/2022 06:25	04/07/2022 18:13	BMC
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
127-18-4	Tetrachloroethylene	0.0070	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C Certifications:	04/07/2022 06:25	04/07/2022 18:13	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: Surr: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: Surr: Toluene-d8	93.2 %	85-120								
460-00-4	Surrogate: Surr: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

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@



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,PADEP	04/07/2022 22:35	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

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22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications:	04/06/2022 13:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 22:35	KH



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April 1, 2022 4:17 pm

04/04/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 13:29	04/07/2022 22:35	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	94.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	91.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	102 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	99.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	100 %			24-116						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/05/2022 13:24	04/06/2022 19:11	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %			39-127.5					

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL



Sample Information

Client Sample ID: SB-5B Dup

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Soil

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PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/06/2022 17:04	04/11/2022 21:01	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		78.4 %	25-150							
Surrogate: M5PFHxA		79.9 %	25-150							
Surrogate: M4PFHpA		90.6 %	25-150							
Surrogate: M3PFHxS		92.3 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		79.8 %	25-150							
Surrogate: M6PFDA		71.1 %	25-150							
Surrogate: M7PFUdA		64.7 %	25-150							



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04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	59.5 %			25-150					
	Surrogate: M2PFTeDA	51.3 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	81.4 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	74.0 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	79.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	58.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	58.2 %			25-150					
	Surrogate: d5-N-EtFOSAA	71.6 %			25-150					
	Surrogate: M2-6:2 FTS	51.5 %			25-200					
	Surrogate: M2-8:2 FTS	107 %			25-200					
	Surrogate: M9PFNA	75.5 %			25-150					

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		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/05/2022 13:29	04/07/2022 12:48	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/05/2022 13:29	04/07/2022 12:48	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM



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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		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/05/2022 13:29	04/07/2022 12:48	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/07/2022 12:48	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications:	04/05/2022 13:29	04/07/2022 12:48	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	145 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %		30-150						

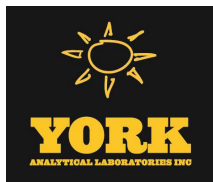
Polychlorinated Biphenyls (PCB)

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	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Soil

April 1, 2022 4:17 pm

04/04/2022

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
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/05/2022 13:29	04/06/2022 16:37	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	04/05/2022 13:29	04/06/2022 16:37	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	96.5 %		30-120						

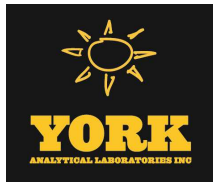
Metals, Target Analyte

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	7640		mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-36-0	Antimony	4.80		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-39-3	Barium	32.9		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-41-7	Beryllium	0.235		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-70-2	Calcium	364		mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-47-3	Chromium	10.2		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-48-4	Cobalt	6.62		mg/kg dry	0.432	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-50-8	Copper	11.8		mg/kg dry	2.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7439-89-6	Iron	17000		mg/kg dry	27.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7439-92-1	Lead	3.67		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7439-95-4	Magnesium	2780		mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7439-96-5	Manganese	363		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-02-0	Nickel	1.36		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT



Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0075-11

York Project (SDG) No.

22D0075

Client Project ID

356060 65 Albany Avenue Kingston, New York

Matrix

Soil

Collection Date/Time

April 1, 2022 4:17 pm

Date Received

04/04/2022

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
7440-09-7	Potassium	905		mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-23-5	Sodium	294		mg/kg dry	54.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-62-2	Vanadium	9.47		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT
7440-66-6	Zinc	37.4		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:08	04/06/2022 21:35	KT

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	0.0324	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/08/2022 09:51	04/08/2022 13:02	BR

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 08:06	04/06/2022 13:46	TJA

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	92.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/07/2022 14:28	04/07/2022 18:28	MEW



Sample Information

Client Sample ID: Field Blank

York Sample ID: 22D0075-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:00 pm

04/04/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 16:41	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	84.0 %		36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 22D0075-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0075

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:00 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.95	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.38	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 18:01	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		83.0 %	25-150							
Surrogate: M5PFHxA		94.5 %	25-150							
Surrogate: M4PFHpA		106 %	25-150							
Surrogate: M3PFHxS		92.5 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		87.6 %	25-150							
Surrogate: M6PFDA		105 %	25-150							
Surrogate: M7PFUdA		83.5 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		68.8 %	25-150							
Surrogate: M2PFTeDA		69.9 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		110 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		90.4 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		106 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		20.8 %	10-150							
Surrogate: d3-N-MeFOSAA		63.0 %	25-150							
Surrogate: d5-N-EtFOSAA		59.5 %	25-150							
Surrogate: M2-6:2 FTS		79.0 %	25-200							
Surrogate: M2-8:2 FTS		76.9 %	25-200							
Surrogate: M9PFNA		91.1 %	25-150							



Analytical Batch Summary

Batch ID: BD20219 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/05/22
22D0075-02	SB-1B	04/05/22
22D0075-03	SB-2A	04/05/22
22D0075-04	SB-2B	04/05/22
22D0075-05	SB-3A	04/05/22
BD20219-BLK1	Blank	04/05/22
BD20219-DUP1	Duplicate	04/05/22
BD20219-MS1	Matrix Spike	04/05/22
BD20219-SRM1	Reference	04/05/22

Batch ID: BD20261 **Preparation Method:** EPA 3550C **Prepared By:** VS

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-06	SB-3B	04/05/22
22D0075-07	SB-4A	04/05/22
22D0075-08	SB-4B	04/05/22
22D0075-09	SB-5A	04/05/22
22D0075-10	SB-5B	04/05/22
22D0075-11	SB-5B Dup	04/05/22
BD20261-BLK1	Blank	04/05/22
BD20261-BS1	LCS	04/05/22
BD20261-MS1	Matrix Spike	04/05/22
BD20261-MSD1	Matrix Spike Dup	04/05/22

Batch ID: BD20264 **Preparation Method:** EPA 3550C **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-10	SB-5B	04/05/22
22D0075-10	SB-5B	04/05/22
22D0075-11	SB-5B Dup	04/05/22
22D0075-11	SB-5B Dup	04/05/22
BD20264-BLK1	Blank	04/05/22
BD20264-BLK2	Blank	04/05/22
BD20264-BS1	LCS	04/05/22
BD20264-BS2	LCS	04/05/22
BD20264-MS1	Matrix Spike	04/05/22
BD20264-MS2	Matrix Spike	04/05/22
BD20264-MSD1	Matrix Spike Dup	04/05/22
BD20264-MSD2	Matrix Spike Dup	04/05/22

Batch ID: BD20296 **Preparation Method:** EPA 3050B **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/05/22



22D0075-02	SB-1B	04/05/22
22D0075-03	SB-2A	04/05/22
22D0075-04	SB-2B	04/05/22
22D0075-05	SB-3A	04/05/22
22D0075-06	SB-3B	04/05/22
22D0075-07	SB-4A	04/05/22
22D0075-08	SB-4B	04/05/22
22D0075-09	SB-5A	04/05/22
22D0075-10	SB-5B	04/05/22
22D0075-11	SB-5B Dup	04/05/22
BD20296-BLK1	Blank	04/05/22
BD20296-DUP1	Duplicate	04/05/22
BD20296-MS1	Matrix Spike	04/05/22
BD20296-PS1	Post Spike	04/05/22
BD20296-SRM1	Reference	04/05/22

Batch ID: BD20303 **Preparation Method:** EPA 3550C **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/06/22
22D0075-02	SB-1B	04/06/22
22D0075-03	SB-2A	04/06/22
22D0075-04	SB-2B	04/06/22
22D0075-05	SB-3A	04/06/22
BD20303-BLK1	Blank	04/06/22
BD20303-BS1	LCS	04/06/22
BD20303-MS1	Matrix Spike	04/06/22
BD20303-MSD1	Matrix Spike Dup	04/06/22

Batch ID: BD20308 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-12	Field Blank	04/06/22
BD20308-BLK1	Blank	04/06/22
BD20308-BS1	LCS	04/06/22
BD20308-MS1	Matrix Spike	04/06/22
BD20308-MSD1	Matrix Spike Dup	04/06/22

Batch ID: BD20312 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-06	SB-3B	04/06/22
22D0075-07	SB-4A	04/06/22
22D0075-08	SB-4B	04/06/22
22D0075-09	SB-5A	04/06/22
22D0075-10	SB-5B	04/06/22
22D0075-11	SB-5B Dup	04/06/22
BD20312-BLK1	Blank	04/06/22
BD20312-DUP1	Duplicate	04/06/22
BD20312-MS1	Matrix Spike	04/06/22



BD20312-SRM1

Reference

04/06/22

Batch ID: BD20335**Preparation Method:** SPE Ext-PFAS-EPA 537.1M**Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-12	Field Blank	04/06/22
BD20335-BLK1	Blank	04/06/22
BD20335-BS1	LCS	04/06/22
BD20335-BSD1	LCS Dup	04/06/22

Batch ID: BD20349**Preparation Method:** EPA 3550C**Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-02	SB-1B	04/06/22
22D0075-02	SB-1B	04/06/22
22D0075-03	SB-2A	04/06/22
22D0075-03	SB-2A	04/06/22
22D0075-04	SB-2B	04/06/22
22D0075-04	SB-2B	04/06/22
22D0075-05	SB-3A	04/06/22
22D0075-05	SB-3A	04/06/22
22D0075-06	SB-3B	04/06/22
22D0075-06	SB-3B	04/06/22
22D0075-07	SB-4A	04/06/22
22D0075-07	SB-4A	04/06/22
22D0075-08	SB-4B	04/06/22
22D0075-08	SB-4B	04/06/22
22D0075-09	SB-5A	04/06/22
22D0075-09	SB-5A	04/06/22
BD20349-BLK1	Blank	04/06/22
BD20349-BLK2	Blank	04/06/22
BD20349-BS1	LCS	04/06/22
BD20349-BS2	LCS	04/06/22
BD20349-MS1	Matrix Spike	04/06/22
BD20349-MSD1	Matrix Spike Dup	04/06/22

Batch ID: BD20350**Preparation Method:** EPA 3546 SVOA**Prepared By:** VS

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/06/22
22D0075-02	SB-1B	04/06/22
22D0075-03	SB-2A	04/06/22
22D0075-04	SB-2B	04/06/22
22D0075-05	SB-3A	04/06/22
22D0075-06	SB-3B	04/06/22
22D0075-07	SB-4A	04/06/22
22D0075-08	SB-4B	04/06/22
22D0075-09	SB-5A	04/06/22
22D0075-10	SB-5B	04/06/22
22D0075-11	SB-5B Dup	04/06/22



BD20350-BLK1	Blank	04/06/22
BD20350-BS1	LCS	04/06/22
BD20350-MS1	Matrix Spike	04/06/22
BD20350-MSD1	Matrix Spike Dup	04/06/22

Batch ID: BD20374 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/06/22
22D0075-02	SB-1B	04/06/22
22D0075-03	SB-2A	04/06/22
22D0075-04	SB-2B	04/06/22
22D0075-05	SB-3A	04/06/22
22D0075-06	SB-3B	04/06/22
22D0075-07	SB-4A	04/06/22
22D0075-08	SB-4B	04/06/22
22D0075-09	SB-5A	04/06/22
22D0075-10	SB-5B	04/06/22
22D0075-11	SB-5B Dup	04/06/22
BD20374-BLK1	Blank	04/06/22
BD20374-BS1	LCS	04/06/22
BD20374-MS1	Matrix Spike	04/06/22
BD20374-MSD1	Matrix Spike Dup	04/06/22

Batch ID: BD20433 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-02	SB-1B	04/07/22
22D0075-03	SB-2A	04/07/22
22D0075-04	SB-2B	04/07/22
22D0075-05	SB-3A	04/07/22
22D0075-06	SB-3B	04/07/22
22D0075-07	SB-4A	04/07/22
22D0075-08	SB-4B	04/07/22
22D0075-09	SB-5A	04/07/22
22D0075-10	SB-5B	04/07/22
22D0075-11	SB-5B Dup	04/07/22
BD20433-BLK1	Blank	04/07/22
BD20433-BLK2	Blank	04/07/22
BD20433-BS1	LCS	04/07/22
BD20433-BSD1	LCS Dup	04/07/22
BD20433-MS1	Matrix Spike	04/07/22
BD20433-MSD1	Matrix Spike Dup	04/07/22

Batch ID: BD20448 **Preparation Method:** % Solids Prep **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/07/22
22D0075-02	SB-1B	04/07/22
22D0075-03	SB-2A	04/07/22



22D0075-04	SB-2B	04/07/22
22D0075-05	SB-3A	04/07/22
22D0075-06	SB-3B	04/07/22
22D0075-07	SB-4A	04/07/22
22D0075-08	SB-4B	04/07/22
22D0075-09	SB-5A	04/07/22
22D0075-10	SB-5B	04/07/22
22D0075-11	SB-5B Dup	04/07/22
BD20448-DUP1	Duplicate	04/07/22

Batch ID: BD20505 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/08/22
22D0075-02	SB-1B	04/08/22
22D0075-03	SB-2A	04/08/22
22D0075-04	SB-2B	04/08/22
22D0075-05	SB-3A	04/08/22
22D0075-06	SB-3B	04/08/22
22D0075-07	SB-4A	04/08/22
22D0075-08	SB-4B	04/08/22
22D0075-09	SB-5A	04/08/22
22D0075-10	SB-5B	04/08/22
22D0075-11	SB-5B Dup	04/08/22
BD20505-BLK1	Blank	04/08/22
BD20505-DUP1	Duplicate	04/08/22
BD20505-MS1	Matrix Spike	04/08/22
BD20505-SRM1	Reference	04/08/22

Batch ID: BD20521 **Preparation Method:** EPA 3550C **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/08/22
22D0075-01	SB-1A	04/08/22
BD20521-BLK1	Blank	04/08/22
BD20521-BLK2	Blank	04/08/22
BD20521-BS1	LCS	04/08/22
BD20521-BS2	LCS	04/08/22
BD20521-MS2	Matrix Spike	04/08/22
BD20521-MSD2	Matrix Spike Dup	04/08/22

Batch ID: BD20602 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22D0075-01	SB-1A	04/08/22
BD20602-BLK1	Blank	04/08/22
BD20602-BLK2	Blank	04/08/22
BD20602-BLK3	Blank	04/08/22
BD20602-BS1	LCS	04/08/22
BD20602-BSD1	LCS Dup	04/08/22





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20433 - EPA 5035A

Blank (BD20433-BLK1)

Prepared & Analyzed: 04/07/2022

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4,5-Tetramethylbenzene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chloroethylvinyl ether	ND	0.020	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20433 - EPA 5035A

Blank (BD20433-BLK1)

Prepared & Analyzed: 04/07/2022

Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	"								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	49.4		ug/L	50.0		98.9	77-125				
Surrogate: SURR: Toluene-d8	47.6		"	50.0		95.1	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.8		"	50.0		108	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20433 - EPA 5035A

Blank (BD20433-BLK2)

Prepared & Analyzed: 04/07/2022

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4,5-Tetramethylbenzene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chloroethylvinyl ether	ND	0.020	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20433 - EPA 5035A

Blank (BD20433-BLK2)

Prepared & Analyzed: 04/07/2022

Dichlorodifluoromethane	ND	0.0050	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.0080	"
Ethanol	ND	0.080	"
Ethyl Benzene	ND	0.0050	"
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"
Hexachlorobutadiene	ND	0.0050	"
Iodomethane	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl Methacrylate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
Naphthalene	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Diethylbenzene	ND	0.0050	"
p-Ethyltoluene	ND	0.0050	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Amyl alcohol (TAA)	ND	0.080	"
tert-Amyl methyl ether (TAME)	ND	0.0080	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Tetrahydrofuran	ND	0.010	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
trans-1,4-dichloro-2-butene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURRE: 1,2-Dichloroethane-d4	49.5	ug/L	50.0	99.1	77-125
Surrogate: SURRE: Toluene-d8	47.7	"	50.0	95.4	85-120
Surrogate: SURRE: p-Bromofluorobenzene	53.9	"	50.0	108	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
LCS (BD20433-BS1)						Prepared & Analyzed: 04/07/2022					
1,1,1,2-Tetrachloroethane	45.0		ug/L	50.0		90.0	75-129				
1,1,1-Trichloroethane	48.4		"	50.0		96.8	71-137				
1,1,2,2-Tetrachloroethane	46.7		"	50.0		93.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.1		"	50.0		90.2	58-146				
1,1,2-Trichloroethane	44.8		"	50.0		89.5	83-123				
1,1-Dichloroethane	47.2		"	50.0		94.4	75-130				
1,1-Dichloroethylene	43.4		"	50.0		86.7	64-137				
1,1-Dichloropropylene	46.5		"	50.0		93.0	77-127				
1,2,3-Trichlorobenzene	40.6		"	50.0		81.2	81-140				
1,2,3-Trichloropropane	45.4		"	50.0		90.7	81-126				
1,2,4,5-Tetramethylbenzene	45.3		"	50.0		90.5	63-156				
1,2,4-Trichlorobenzene	41.2		"	50.0		82.5	80-141				
1,2,4-Trimethylbenzene	45.0		"	50.0		90.0	84-125				
1,2-Dibromo-3-chloropropane	48.0		"	50.0		96.0	74-142				
1,2-Dibromoethane	45.8		"	50.0		91.7	86-123				
1,2-Dichlorobenzene	42.2		"	50.0		84.4	85-122	Low Bias			
1,2-Dichloroethane	48.3		"	50.0		96.6	71-133				
1,2-Dichloropropane	47.4		"	50.0		94.9	81-122				
1,3,5-Trimethylbenzene	44.0		"	50.0		88.0	82-126				
1,3-Dichlorobenzene	42.5		"	50.0		85.1	84-124				
1,3-Dichloropropane	44.5		"	50.0		89.0	83-123				
1,4-Dichlorobenzene	42.2		"	50.0		84.3	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2,2-Dichloropropane	53.0		"	50.0		106	67-136				
2-Butanone	49.3		"	50.0		98.5	58-147				
2-Chloroethylvinyl ether	52.6		"	50.0		105	10-166				
2-Chlorotoluene	44.0		"	50.0		88.0	78-127				
2-Hexanone	51.2		"	50.0		102	70-139				
4-Chlorotoluene	44.5		"	50.0		89.0	79-125				
4-Methyl-2-pentanone	38.2		"	50.0		76.5	72-132				
Acetone	42.7		"	50.0		85.4	36-155				
Acrolein	45.2		"	50.0		90.3	10-238				
Acrylonitrile	50.1		"	50.0		100	66-141				
Benzene	48.9		"	50.0		97.8	77-127				
Bromobenzene	43.7		"	50.0		87.5	77-129				
Bromochloromethane	48.7		"	50.0		97.3	74-129				
Bromodichloromethane	45.6		"	50.0		91.1	81-124				
Bromoform	46.0		"	50.0		92.1	80-136				
Bromomethane	42.6		"	50.0		85.1	32-177				
Carbon disulfide	43.3		"	50.0		86.5	10-136				
Carbon tetrachloride	50.2		"	50.0		100	66-143				
Chlorobenzene	46.7		"	50.0		93.4	86-120				
Chloroethane	47.0		"	50.0		94.0	51-142				
Chloroform	48.2		"	50.0		96.5	76-131				
Chloromethane	39.9		"	50.0		79.9	49-132				
cis-1,2-Dichloroethylene	48.2		"	50.0		96.3	74-132				
cis-1,3-Dichloropropylene	45.2		"	50.0		90.3	81-129				
Cyclohexane	46.1		"	50.0		92.2	70-130				
Dibromochloromethane	45.4		"	50.0		90.7	10-200				
Dibromomethane	44.2		"	50.0		88.5	83-124				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20433 - EPA 5035A

LCS (BD20433-BS1)

Prepared & Analyzed: 04/07/2022

Dichlorodifluoromethane	24.0		ug/L	50.0		47.9	28-158				
Diisopropyl ether (DIPE)	50.4		"	50.0		101	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	46.1		ug/L	50.0		92.3	84-125				
Ethyl tert-butyl ether (ETBE)	48.5		"	50.0		96.9	70-130				
Hexachlorobutadiene	38.7		"	50.0		77.4	83-133	Low Bias			
Iodomethane	49.8		"	50.0		99.6	70-130				
Isopropylbenzene	46.6		"	50.0		93.1	81-127				
Methyl acetate	47.8		"	50.0		95.6	41-143				
Methyl Methacrylate	47.4		"	50.0		94.7	79-125				
Methyl tert-butyl ether (MTBE)	48.0		"	50.0		96.0	74-131				
Methylcyclohexane	42.4		"	50.0		84.9	70-130				
Methylene chloride	46.8		"	50.0		93.6	57-141				
Naphthalene	44.8		"	50.0		89.5	86-141				
n-Butylbenzene	41.4		"	50.0		82.8	80-130				
n-Propylbenzene	45.0		"	50.0		90.0	74-136				
o-Xylene	46.4		"	50.0		92.9	83-123				
p- & m- Xylenes	93.1		"	100		93.1	82-128				
p-Diethylbenzene	44.6		"	50.0		89.3	70-144				
p-Ethyltoluene	47.5		"	50.0		95.0	84-123				
p-Isopropyltoluene	44.3		"	50.0		88.6	85-125				
sec-Butylbenzene	44.3		"	50.0		88.5	83-125				
Styrene	44.5		"	50.0		89.0	86-126				
tert-Amyl alcohol (TAA)	546		"	500		109	70-130				
tert-Amyl methyl ether (TAME)	51.4		"	50.0		103	70-130				
tert-Butyl alcohol (TBA)	305		"	250		122	70-130				
tert-Butylbenzene	39.1		"	50.0		78.2	80-127	Low Bias			
Tetrachloroethylene	39.9		"	50.0		79.9	80-129	Low Bias			
Tetrahydrofuran	50.7		"	50.0		101	64-137				
Toluene	45.6		"	50.0		91.2	85-121				
trans-1,2-Dichloroethylene	47.0		"	50.0		94.1	72-132				
trans-1,3-Dichloropropylene	46.6		"	50.0		93.1	78-132				
trans-1,4-dichloro-2-butene	61.6		"	50.0		123	75-135				
Trichloroethylene	44.9		"	50.0		89.8	84-123				
Trichlorofluoromethane	47.7		"	50.0		95.4	62-140				
Vinyl acetate	52.9		"	50.0		106	67-136				
Vinyl Chloride	41.5		"	50.0		83.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	50.2		"	50.0		100	77-125				
Surrogate: SURR: Toluene-d8	47.6		"	50.0		95.1	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.7		"	50.0		101	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
LCS Dup (BD20433-BSD1)						Prepared & Analyzed: 04/07/2022					
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0		92.7	75-129		2.91	30	
1,1,1-Trichloroethane	50.6		"	50.0		101	71-137		4.50	30	
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.9	79-129		3.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.8		"	50.0		93.5	58-146		3.66	30	
1,1,2-Trichloroethane	46.8		"	50.0		93.7	83-123		4.52	30	
1,1-Dichloroethane	49.5		"	50.0		98.9	75-130		4.65	30	
1,1-Dichloroethylene	46.4		"	50.0		92.7	64-137		6.71	30	
1,1-Dichloropropylene	48.2		"	50.0		96.3	77-127		3.46	30	
1,2,3-Trichlorobenzene	42.6		"	50.0		85.2	81-140		4.76	30	
1,2,3-Trichloropropane	47.1		"	50.0		94.2	81-126		3.72	30	
1,2,4,5-Tetramethylbenzene	48.4		"	50.0		96.7	63-156		6.64	30	
1,2,4-Trichlorobenzene	43.8		"	50.0		87.5	80-141		5.95	30	
1,2,4-Trimethylbenzene	46.7		"	50.0		93.4	84-125		3.73	30	
1,2-Dibromo-3-chloropropane	49.3		"	50.0		98.5	74-142		2.57	30	
1,2-Dibromoethane	47.9		"	50.0		95.8	86-123		4.42	30	
1,2-Dichlorobenzene	44.6		"	50.0		89.1	85-122		5.46	30	
1,2-Dichloroethane	50.3		"	50.0		101	71-133		4.16	30	
1,2-Dichloropropane	48.3		"	50.0		96.6	81-122		1.73	30	
1,3,5-Trimethylbenzene	45.5		"	50.0		91.1	82-126		3.40	30	
1,3-Dichlorobenzene	45.1		"	50.0		90.3	84-124		5.95	30	
1,3-Dichloropropane	46.8		"	50.0		93.6	83-123		5.02	30	
1,4-Dichlorobenzene	44.4		"	50.0		88.7	84-124		5.06	30	
1,4-Dioxane	1070		"	1050		102	10-228		0.0375	30	
2,2-Dichloropropane	54.7		"	50.0		109	67-136		3.05	30	
2-Butanone	49.5		"	50.0		99.0	58-147		0.486	30	
2-Chloroethylvinyl ether	54.4		"	50.0		109	10-166		3.38	30	
2-Chlorotoluene	46.0		"	50.0		91.9	78-127		4.36	30	
2-Hexanone	52.4		"	50.0		105	70-139		2.28	30	
4-Chlorotoluene	46.4		"	50.0		92.7	79-125		4.03	30	
4-Methyl-2-pentanone	39.6		"	50.0		79.2	72-132		3.44	30	
Acetone	42.8		"	50.0		85.5	36-155		0.187	30	
Acrolein	46.0		"	50.0		92.1	10-238		1.97	30	
Acrylonitrile	49.8		"	50.0		99.5	66-141		0.681	30	
Benzene	50.3		"	50.0		101	77-127		2.84	30	
Bromobenzene	45.7		"	50.0		91.5	77-129		4.47	30	
Bromochloromethane	50.8		"	50.0		102	74-129		4.18	30	
Bromodichloromethane	47.0		"	50.0		93.9	81-124		2.98	30	
Bromoform	50.0		"	50.0		99.9	80-136		8.13	30	
Bromomethane	44.9		"	50.0		89.9	32-177		5.39	30	
Carbon disulfide	44.9		"	50.0		89.7	10-136		3.63	30	
Carbon tetrachloride	52.0		"	50.0		104	66-143		3.56	30	
Chlorobenzene	48.6		"	50.0		97.3	86-120		4.11	30	
Chloroethane	47.5		"	50.0		95.0	51-142		0.974	30	
Chloroform	49.9		"	50.0		99.8	76-131		3.40	30	
Chloromethane	41.1		"	50.0		82.2	49-132		2.89	30	
cis-1,2-Dichloroethylene	50.3		"	50.0		101	74-132		4.25	30	
cis-1,3-Dichloropropylene	47.2		"	50.0		94.3	81-129		4.29	30	
Cyclohexane	47.7		"	50.0		95.5	70-130		3.54	30	
Dibromochloromethane	47.4		"	50.0		94.7	10-200		4.36	30	
Dibromomethane	46.2		"	50.0		92.5	83-124		4.44	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
LCS Dup (BD20433-BSD1)						Prepared & Analyzed: 04/07/2022					
Dichlorodifluoromethane	25.2		ug/L	50.0		50.4	28-158		4.96	30	
Diisopropyl ether (DIPE)	52.5		"	50.0		105	70-130		4.26	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	47.9		ug/L	50.0		95.8	84-125		3.72	30	
Ethyl tert-butyl ether (ETBE)	51.4		"	50.0		103	70-130		5.81	30	
Hexachlorobutadiene	42.9		"	50.0		85.8	83-133		10.3	30	
Iodomethane	51.8		"	50.0		104	70-130		3.92	30	
Isopropylbenzene	48.0		"	50.0		96.1	81-127		3.15	30	
Methyl acetate	47.7		"	50.0		95.4	41-143		0.230	30	
Methyl Methacrylate	49.6		"	50.0		99.1	79-125		4.52	30	
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	74-131		4.84	30	
Methylcyclohexane	44.7		"	50.0		89.5	70-130		5.30	30	
Methylene chloride	49.5		"	50.0		98.9	57-141		5.55	30	
Naphthalene	46.7		"	50.0		93.3	86-141		4.18	30	
n-Butylbenzene	44.8		"	50.0		89.7	80-130		7.98	30	
n-Propylbenzene	46.7		"	50.0		93.4	74-136		3.75	30	
o-Xylene	48.4		"	50.0		96.9	83-123		4.22	30	
p- & m- Xylenes	96.6		"	100		96.6	82-128		3.69	30	
p-Diethylbenzene	47.8		"	50.0		95.6	70-144		6.79	30	
p-Ethyltoluene	49.5		"	50.0		99.1	84-123		4.23	30	
p-Isopropyltoluene	46.8		"	50.0		93.7	85-125		5.55	30	
sec-Butylbenzene	46.4		"	50.0		92.8	83-125		4.74	30	
Styrene	46.2		"	50.0		92.3	86-126		3.71	30	
tert-Amyl alcohol (TAA)	557		"	500		111	70-130		1.87	30	
tert-Amyl methyl ether (TAME)	54.0		"	50.0		108	70-130		5.10	30	
tert-Butyl alcohol (TBA)	318		"	250		127	70-130		4.22	30	
tert-Butylbenzene	40.8		"	50.0		81.5	80-127		4.23	30	
Tetrachloroethylene	40.7		"	50.0		81.5	80-129		2.01	30	
Tetrahydrofuran	52.3		"	50.0		105	64-137		3.12	30	
Toluene	46.8		"	50.0		93.7	85-121		2.68	30	
trans-1,2-Dichloroethylene	47.8		"	50.0		95.6	72-132		1.56	30	
trans-1,3-Dichloropropylene	48.9		"	50.0		97.8	78-132		4.86	30	
trans-1,4-dichloro-2-butene	63.4		"	50.0		127	75-135		2.88	30	
Trichloroethylene	46.8		"	50.0		93.5	84-123		4.10	30	
Trichlorofluoromethane	48.5		"	50.0		97.0	62-140		1.66	30	
Vinyl acetate	55.0		"	50.0		110	67-136		3.91	30	
Vinyl Chloride	42.2		"	50.0		84.4	52-130		1.67	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.6		"	50.0		101	77-125				
Surrogate: SURR: Toluene-d8	47.3		"	50.0		94.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.2		"	50.0		102	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
Matrix Spike (BD20433-MS1)	*Source sample: 22D0101-04 (Matrix Spike)						Prepared & Analyzed: 04/07/2022				
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0	0.00	96.2	15-161				
1,1,1-Trichloroethane	53.6		"	50.0	0.00	107	42-145				
1,1,2,2-Tetrachloroethane	48.6		"	50.0	0.00	97.3	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.0		"	50.0	0.00	91.9	11-160				
1,1,2-Trichloroethane	47.9		"	50.0	0.00	95.7	44-145				
1,1-Dichloroethane	53.2		"	50.0	0.00	106	46-142				
1,1-Dichloroethylene	49.4		"	50.0	0.00	98.9	30-153				
1,1-Dichloropropylene	50.5		"	50.0	0.00	101	40-133				
1,2,3-Trichlorobenzene	33.0		"	50.0	0.00	66.1	10-157				
1,2,3-Trichloropropane	47.7		"	50.0	0.00	95.4	38-155				
1,2,4,5-Tetramethylbenzene	41.7		"	50.0	0.00	83.4	10-138				
1,2,4-Trichlorobenzene	30.0		"	50.0	0.00	60.1	10-151				
1,2,4-Trimethylbenzene	44.2		"	50.0	0.00	88.5	10-170				
1,2-Dibromo-3-chloropropane	46.4		"	50.0	0.00	92.9	36-138				
1,2-Dibromoethane	47.3		"	50.0	0.00	94.7	40-142				
1,2-Dichlorobenzene	40.2		"	50.0	0.00	80.4	10-147				
1,2-Dichloroethane	53.4		"	50.0	0.00	107	48-133				
1,2-Dichloropropane	51.4		"	50.0	0.00	103	47-141				
1,3,5-Trimethylbenzene	43.8		"	50.0	0.00	87.7	10-150				
1,3-Dichlorobenzene	38.8		"	50.0	0.00	77.7	10-144				
1,3-Dichloropropane	47.7		"	50.0	0.00	95.5	43-142				
1,4-Dichlorobenzene	37.7		"	50.0	0.00	75.4	10-160				
1,4-Dioxane	1020		"	1050	0.00	97.2	10-191				
2,2-Dichloropropane	49.6		"	50.0	0.00	99.3	38-130				
2-Butanone	47.0		"	50.0	0.00	94.0	10-189				
2-Chloroethylvinyl ether	52.9		"	50.0	0.00	106	10-161				
2-Chlorotoluene	44.4		"	50.0	0.00	88.8	14-144				
2-Hexanone	47.9		"	50.0	0.00	95.8	10-181				
4-Chlorotoluene	42.6		"	50.0	0.00	85.3	15-138				
4-Methyl-2-pentanone	39.3		"	50.0	0.00	78.7	10-166				
Acetone	38.2		"	50.0	2.69	71.1	10-196				
Acrolein	9.90		"	50.0	0.00	19.8	10-192				
Acrylonitrile	51.5		"	50.0	0.00	103	13-161				
Benzene	55.2		"	50.0	0.00	110	43-139				
Bromobenzene	43.9		"	50.0	0.00	87.8	23-142				
Bromochloromethane	55.4		"	50.0	0.00	111	38-145				
Bromodichloromethane	48.3		"	50.0	0.00	96.5	38-147				
Bromoform	46.9		"	50.0	0.00	93.9	29-156				
Bromomethane	54.2		"	50.0	0.00	108	10-166				
Carbon disulfide	47.7		"	50.0	0.00	95.3	10-131				
Carbon tetrachloride	54.5		"	50.0	0.00	109	35-145				
Chlorobenzene	48.6		"	50.0	0.00	97.3	21-154				
Chloroethane	60.7		"	50.0	0.00	121	15-160				
Chloroform	54.8		"	50.0	0.00	110	47-142				
Chloromethane	46.4		"	50.0	0.00	92.8	10-159				
cis-1,2-Dichloroethylene	53.3		"	50.0	0.00	107	42-144				
cis-1,3-Dichloropropylene	46.0		"	50.0	0.00	92.0	18-159				
Cyclohexane	49.8		"	50.0	0.00	99.5	70-130				
Dibromochloromethane	47.8		"	50.0	0.00	95.6	10-179				
Dibromomethane	47.7		"	50.0	0.00	95.4	47-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
Matrix Spike (BD20433-MS1)	*Source sample: 22D0101-04 (Matrix Spike)						Prepared & Analyzed: 04/07/2022				
Dichlorodifluoromethane	25.8		ug/L	50.0	0.00	51.5	10-145				
Diisopropyl ether (DIPE)	56.5		"	50.0	0.00	113	70-130				
Ethanol	ND	0.088	mg/kg dry		ND		70-130				
Ethyl Benzene	47.9		ug/L	50.0	0.00	95.9	11-158				
Ethyl tert-butyl ether (ETBE)	52.8		"	50.0	0.00	106	70-130				
Hexachlorobutadiene	35.1		"	50.0	0.00	70.3	10-158				
Iodomethane	53.9		"	50.0	0.00	108	70-130				
Isopropylbenzene	48.4		"	50.0	0.00	96.8	10-162				
Methyl acetate	72.6		"	50.0	0.00	145	10-149				
Methyl Methacrylate	67.6		"	50.0	0.00	135	22-162				
Methyl tert-butyl ether (MTBE)	51.3		"	50.0	0.00	103	42-152				
Methylcyclohexane	42.2		"	50.0	0.00	84.4	70-130				
Methylene chloride	54.0		"	50.0	0.00	108	28-151				
Naphthalene	39.9		"	50.0	0.00	79.8	10-158				
n-Butylbenzene	38.6		"	50.0	0.00	77.3	10-162				
n-Propylbenzene	43.9		"	50.0	0.00	87.9	10-155				
o-Xylene	48.4		"	50.0	0.00	96.9	10-158				
p- & m- Xylenes	95.0		"	100	0.00	95.0	10-156				
p-Diethylbenzene	40.2		"	50.0	0.00	80.5	10-146				
p-Ethyltoluene	45.7		"	50.0	0.00	91.4	10-135				
p-Isopropyltoluene	43.5		"	50.0	0.00	86.9	10-147				
sec-Butylbenzene	45.0		"	50.0	0.00	89.9	10-157				
Styrene	44.3		"	50.0	0.00	88.6	13-171				
tert-Amyl alcohol (TAA)	509		"	500	0.00	102	70-130				
tert-Amyl methyl ether (TAME)	55.5		"	50.0	0.00	111	70-130				
tert-Butyl alcohol (TBA)	277		"	250	0.00	111	34-179				
tert-Butylbenzene	41.7		"	50.0	0.00	83.3	10-160				
Tetrachloroethylene	38.3		"	50.0	0.00	76.6	30-167				
Tetrahydrofuran	52.1		"	50.0	0.00	104	25-160				
Toluene	48.2		"	50.0	0.00	96.4	21-160				
trans-1,2-Dichloroethylene	52.6		"	50.0	0.00	105	29-153				
trans-1,3-Dichloropropylene	46.4		"	50.0	0.00	92.8	18-155				
trans-1,4-dichloro-2-butene	60.9		"	50.0	0.00	122	17-154				
Trichloroethylene	46.7		"	50.0	0.00	93.4	24-169				
Trichlorofluoromethane	57.6		"	50.0	0.00	115	35-142				
Vinyl acetate	28.8		"	50.0	0.00	57.5	10-119				
Vinyl Chloride	49.1		"	50.0	0.00	98.2	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	51.5		"	50.0		103	77-125				
Surrogate: SURR: Toluene-d8	47.6		"	50.0		95.3	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.9		"	50.0		102	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
Matrix Spike Dup (BD20433-MSD1)	*Source sample: 22D0101-04 (Matrix Spike Dup)						Prepared & Analyzed: 04/07/2022				
1,1,1,2-Tetrachloroethane	37.9		ug/L	50.0	0.00	75.8	15-161		23.7	33	
1,1,1-Trichloroethane	42.9		"	50.0	0.00	85.9	42-145		22.0	30	
1,1,2,2-Tetrachloroethane	39.9		"	50.0	0.00	79.8	16-167		19.7	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37.7		"	50.0	0.00	75.3	11-160		19.8	31	
1,1,2-Trichloroethane	37.5		"	50.0	0.00	75.0	44-145		24.3	40	
1,1-Dichloroethane	41.7		"	50.0	0.00	83.5	46-142		24.2	36	
1,1-Dichloroethylene	38.0		"	50.0	0.00	76.1	30-153		26.1	31	
1,1-Dichloropropylene	39.0		"	50.0	0.00	78.0	40-133		25.6	28	
1,2,3-Trichlorobenzene	24.3		"	50.0	0.00	48.7	10-157		30.3	47	
1,2,3-Trichloropropane	38.6		"	50.0	0.00	77.2	38-155		21.1	48	
1,2,4,5-Tetramethylbenzene	32.6		"	50.0	0.00	65.2	10-138		24.5	44	
1,2,4-Trichlorobenzene	21.2		"	50.0	0.00	42.4	10-151		34.5	52	
1,2,4-Trimethylbenzene	34.4		"	50.0	0.00	68.7	10-170		25.1	242	
1,2-Dibromo-3-chloropropane	37.6		"	50.0	0.00	75.2	36-138		21.1	54	
1,2-Dibromoethane	37.9		"	50.0	0.00	75.8	40-142		22.1	39	
1,2-Dichlorobenzene	30.5		"	50.0	0.00	61.0	10-147		27.4	52	
1,2-Dichloroethane	42.2		"	50.0	0.00	84.5	48-133		23.4	32	
1,2-Dichloropropane	40.6		"	50.0	0.00	81.2	47-141		23.4	37	
1,3,5-Trimethylbenzene	34.7		"	50.0	0.00	69.3	10-150		23.4	62	
1,3-Dichlorobenzene	29.1		"	50.0	0.00	58.3	10-144		28.5	51	
1,3-Dichloropropane	37.8		"	50.0	0.00	75.7	43-142		23.1	36	
1,4-Dichlorobenzene	28.3		"	50.0	0.00	56.6	10-160		28.4	52	
1,4-Dioxane	835		"	1050	0.00	79.6	10-191		19.9	196	
2,2-Dichloropropane	40.2		"	50.0	0.00	80.5	38-130		21.0	31	
2-Butanone	38.7		"	50.0	0.00	77.4	10-189		19.3	67	
2-Chloroethylvinyl ether	42.1		"	50.0	0.00	84.2	10-161		22.7	30	
2-Chlorotoluene	34.6		"	50.0	0.00	69.2	14-144		24.7	49	
2-Hexanone	36.9		"	50.0	0.00	73.8	10-181		25.9	60	
4-Chlorotoluene	32.5		"	50.0	0.00	64.9	15-138		27.1	39	
4-Methyl-2-pentanone	32.0		"	50.0	0.00	64.0	10-166		20.6	47	
Acetone	32.2		"	50.0	2.69	59.1	10-196		17.1	150	
Acrolein	7.66		"	50.0	0.00	15.3	10-192		25.5	128	
Acrylonitrile	41.2		"	50.0	0.00	82.3	13-161		22.3	48	
Benzene	42.8		"	50.0	0.00	85.5	43-139		25.5	64	
Bromobenzene	34.7		"	50.0	0.00	69.4	23-142		23.4	44	
Bromochloromethane	44.2		"	50.0	0.00	88.5	38-145		22.5	30	
Bromodichloromethane	38.3		"	50.0	0.00	76.5	38-147		23.1	37	
Bromoform	36.7		"	50.0	0.00	73.5	29-156		24.4	51	
Bromomethane	42.9		"	50.0	0.00	85.9	10-166		23.1	42	
Carbon disulfide	37.0		"	50.0	0.00	74.1	10-131		25.1	36	
Carbon tetrachloride	42.4		"	50.0	0.00	84.7	35-145		25.1	31	
Chlorobenzene	37.2		"	50.0	0.00	74.3	21-154		26.7	32	
Chloroethane	46.7		"	50.0	0.00	93.5	15-160		26.0	40	
Chloroform	42.6		"	50.0	0.00	85.2	47-142		25.0	29	
Chloromethane	35.8		"	50.0	0.00	71.6	10-159		25.8	31	
cis-1,2-Dichloroethylene	41.7		"	50.0	0.00	83.5	42-144		24.3	30	
cis-1,3-Dichloropropylene	36.3		"	50.0	0.00	72.6	18-159		23.5	39	
Cyclohexane	40.0		"	50.0	0.00	80.1	70-130		21.7	30	
Dibromochloromethane	37.4		"	50.0	0.00	74.8	10-179		24.4	41	
Dibromomethane	37.9		"	50.0	0.00	75.8	47-143		22.9	41	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20433 - EPA 5035A											
Matrix Spike Dup (BD20433-MSD1)	*Source sample: 22D0101-04 (Matrix Spike Dup)						Prepared & Analyzed: 04/07/2022				
Dichlorodifluoromethane	20.5		ug/L	50.0	0.00	41.0	10-145		22.6	34	
Diisopropyl ether (DIPE)	44.9		"	50.0	0.00	89.7	70-130		23.0	30	
Ethanol	ND	0.088	mg/kg dry		ND		70-130			30	
Ethyl Benzene	36.6		ug/L	50.0	0.00	73.2	11-158		26.8	42	
Ethyl tert-butyl ether (ETBE)	42.1		"	50.0	0.00	84.3	70-130		22.5	30	
Hexachlorobutadiene	28.7		"	50.0	0.00	57.3	10-158		20.3	45	
Iodomethane	42.0		"	50.0	0.00	83.9	70-130		25.0	30	
Isopropylbenzene	38.0		"	50.0	0.00	76.0	10-162		24.1	57	
Methyl acetate	58.1		"	50.0	0.00	116	10-149		22.1	64	
Methyl Methacrylate	60.2		"	50.0	0.00	120	22-162		11.6	30	
Methyl tert-butyl ether (MTBE)	41.4		"	50.0	0.00	82.9	42-152		21.3	47	
Methylcyclohexane	34.2		"	50.0	0.00	68.3	70-130	Low Bias	21.1	30	
Methylene chloride	43.2		"	50.0	0.00	86.3	28-151		22.4	49	
Naphthalene	30.6		"	50.0	0.00	61.1	10-158		26.5	95	
n-Butylbenzene	28.1		"	50.0	0.00	56.1	10-162		31.7	96	
n-Propylbenzene	33.8		"	50.0	0.00	67.5	10-155		26.2	56	
o-Xylene	38.1		"	50.0	0.00	76.2	10-158		23.9	51	
p- & m- Xylenes	73.3		"	100	0.00	73.3	10-156		25.8	47	
p-Diethylbenzene	29.9		"	50.0	0.00	59.9	10-146		29.4	39	
p-Ethyltoluene	35.3		"	50.0	0.00	70.5	10-135		25.8	40	
p-Isopropyltoluene	33.6		"	50.0	0.00	67.1	10-147		25.7	60	
sec-Butylbenzene	35.6		"	50.0	0.00	71.3	10-157		23.1	56	
Styrene	33.6		"	50.0	0.00	67.1	13-171		27.6	39	
tert-Amyl alcohol (TAA)	423		"	500	0.00	84.6	70-130		18.5	30	
tert-Amyl methyl ether (TAME)	45.1		"	50.0	0.00	90.2	70-130		20.6	30	
tert-Butyl alcohol (TBA)	253		"	250	0.00	101	34-179		8.87	35	
tert-Butylbenzene	33.6		"	50.0	0.00	67.1	10-160		21.6	79	
Tetrachloroethylene	30.1		"	50.0	0.00	60.3	30-167		23.9	33	
Tetrahydrofuran	42.2		"	50.0	0.00	84.4	25-160		21.0	30	
Toluene	38.0		"	50.0	0.00	76.1	21-160		23.5	50	
trans-1,2-Dichloroethylene	40.6		"	50.0	0.00	81.2	29-153		25.8	30	
trans-1,3-Dichloropropylene	36.4		"	50.0	0.00	72.8	18-155		24.2	30	
trans-1,4-dichloro-2-butene	48.6		"	50.0	0.00	97.3	17-154		22.4	30	
Trichloroethylene	37.3		"	50.0	0.00	74.5	24-169		22.5	30	
Trichlorofluoromethane	45.2		"	50.0	0.00	90.3	35-142		24.2	30	
Vinyl acetate	21.1		"	50.0	0.00	42.3	10-119		30.5	82	
Vinyl Chloride	38.6		"	50.0	0.00	77.2	12-160		24.0	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	51.1		"	50.0		102	77-125				
Surrogate: SURR: Toluene-d8	47.2		"	50.0		94.5	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.2		"	50.0		104	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20602 - EPA 5035A											
Blank (BD20602-BLK1)										Prepared & Analyzed: 04/08/2022	
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20602 - EPA 5035A

Blank (BD20602-BLK1)

Prepared & Analyzed: 04/08/2022

Dichlorodifluoromethane	ND	0.0050	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.0080	"
Ethanol	ND	0.080	"
Ethyl Benzene	ND	0.0050	"
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"
Hexachlorobutadiene	ND	0.0050	"
Iodomethane	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl Methacrylate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
Naphthalene	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Diethylbenzene	ND	0.0050	"
p-Ethyltoluene	ND	0.0050	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Amyl alcohol (TAA)	ND	0.080	"
tert-Amyl methyl ether (TAME)	ND	0.0080	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Tetrahydrofuran	ND	0.010	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
trans-1,4-dichloro-2-butene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	50.4	ug/L	50.0	101	77-125
Surrogate: SURR: Toluene-d8	46.5	"	50.0	93.0	85-120
Surrogate: SURR: p-Bromofluorobenzene	54.2	"	50.0	108	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20602 - EPA 5035A											
Blank (BD20602-BLK2)										Prepared & Analyzed: 04/08/2022	
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20602 - EPA 5035A

Blank (BD20602-BLK2)

Prepared & Analyzed: 04/08/2022

Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURRE: 1,2-Dichloroethane-d4	49.6		ug/L	50.0		99.1	77-125				
Surrogate: SURRE: Toluene-d8	46.9		"	50.0		93.8	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	54.0		"	50.0		108	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20602 - EPA 5035A											
Blank (BD20602-BLK3)										Prepared & Analyzed: 04/08/2022	
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20602 - EPA 5035A

Blank (BD20602-BLK3)

Prepared & Analyzed: 04/08/2022

Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	50.1		ug/L	50.0		100	77-125				
Surrogate: SURR: Toluene-d8	46.8		"	50.0		93.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	55.1		"	50.0		110	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20602 - EPA 5035A											
LCS (BD20602-BS1)						Prepared & Analyzed: 04/08/2022					
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.6	75-129				
1,1,1-Trichloroethane	53.1		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	47.8		"	50.0		95.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.5		"	50.0		109	58-146				
1,1,2-Trichloroethane	45.5		"	50.0		91.0	83-123				
1,1-Dichloroethane	52.4		"	50.0		105	75-130				
1,1-Dichloroethylene	53.7		"	50.0		107	64-137				
1,1-Dichloropropylene	51.5		"	50.0		103	77-127				
1,2,3-Trichlorobenzene	43.6		"	50.0		87.2	81-140				
1,2,3-Trichloropropane	46.1		"	50.0		92.2	81-126				
1,2,4,5-Tetramethylbenzene	47.1		"	50.0		94.2	63-156				
1,2,4-Trichlorobenzene	45.7		"	50.0		91.4	80-141				
1,2,4-Trimethylbenzene	48.9		"	50.0		97.9	84-125				
1,2-Dibromo-3-chloropropane	47.0		"	50.0		93.9	74-142				
1,2-Dibromoethane	46.2		"	50.0		92.4	86-123				
1,2-Dichlorobenzene	45.3		"	50.0		90.5	85-122				
1,2-Dichloroethane	52.0		"	50.0		104	71-133				
1,2-Dichloropropane	48.8		"	50.0		97.7	81-122				
1,3,5-Trimethylbenzene	47.6		"	50.0		95.1	82-126				
1,3-Dichlorobenzene	46.2		"	50.0		92.4	84-124				
1,3-Dichloropropane	46.1		"	50.0		92.2	83-123				
1,4-Dichlorobenzene	46.4		"	50.0		92.7	84-124				
1,4-Dioxane	957		"	1050		91.1	10-228				
2,2-Dichloropropane	56.5		"	50.0		113	67-136				
2-Butanone	46.0		"	50.0		91.9	58-147				
2-Chloroethylvinyl ether	48.7		"	50.0		97.5	10-166				
2-Chlorotoluene	47.6		"	50.0		95.3	78-127				
2-Hexanone	46.0		"	50.0		92.0	70-139				
4-Chlorotoluene	48.4		"	50.0		96.7	79-125				
4-Methyl-2-pentanone	34.8		"	50.0		69.6	72-132	Low Bias			
Acetone	37.0		"	50.0		74.1	36-155				
Acrolein	41.1		"	50.0		82.1	10-238				
Acrylonitrile	52.7		"	50.0		105	66-141				
Benzene	53.6		"	50.0		107	77-127				
Bromobenzene	47.2		"	50.0		94.3	77-129				
Bromochloromethane	53.8		"	50.0		108	74-129				
Bromodichloromethane	47.6		"	50.0		95.2	81-124				
Bromoform	45.9		"	50.0		91.8	80-136				
Bromomethane	55.9		"	50.0		112	32-177				
Carbon disulfide	54.2		"	50.0		108	10-136				
Carbon tetrachloride	54.8		"	50.0		110	66-143				
Chlorobenzene	49.3		"	50.0		98.6	86-120				
Chloroethane	62.5		"	50.0		125	51-142				
Chloroform	52.6		"	50.0		105	76-131				
Chloromethane	54.2		"	50.0		108	49-132				
cis-1,2-Dichloroethylene	52.8		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	47.6		"	50.0		95.2	81-129				
Cyclohexane	51.3		"	50.0		103	70-130				
Dibromochloromethane	46.5		"	50.0		93.1	10-200				
Dibromomethane	44.8		"	50.0		89.7	83-124				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20602 - EPA 5035A

LCS (BD20602-BS1)

Prepared & Analyzed: 04/08/2022

Dichlorodifluoromethane	57.3		ug/L	50.0		115	28-158				
Diisopropyl ether (DIPE)	54.8		"	50.0		110	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	48.6		ug/L	50.0		97.2	84-125				
Ethyl tert-butyl ether (ETBE)	51.5		"	50.0		103	70-130				
Hexachlorobutadiene	45.4		"	50.0		90.8	83-133				
Iodomethane	58.9		"	50.0		118	70-130				
Isopropylbenzene	50.0		"	50.0		100	81-127				
Methyl acetate	46.3		"	50.0		92.6	41-143				
Methyl Methacrylate	47.6		"	50.0		95.3	79-125				
Methyl tert-butyl ether (MTBE)	50.1		"	50.0		100	74-131				
Methylcyclohexane	44.8		"	50.0		89.6	70-130				
Methylene chloride	53.3		"	50.0		107	57-141				
Naphthalene	45.7		"	50.0		91.5	86-141				
n-Butylbenzene	46.8		"	50.0		93.7	80-130				
n-Propylbenzene	48.9		"	50.0		97.7	74-136				
o-Xylene	48.3		"	50.0		96.6	83-123				
p- & m- Xylenes	98.3		"	100		98.3	82-128				
p-Diethylbenzene	48.3		"	50.0		96.5	70-144				
p-Ethyltoluene	49.4		"	50.0		98.8	84-123				
p-Isopropyltoluene	49.0		"	50.0		98.0	85-125				
sec-Butylbenzene	48.8		"	50.0		97.6	83-125				
Styrene	46.3		"	50.0		92.7	86-126				
tert-Amyl alcohol (TAA)	500		"	500		100	70-130				
tert-Amyl methyl ether (TAME)	53.2		"	50.0		106	70-130				
tert-Butyl alcohol (TBA)	299		"	250		120	70-130				
tert-Butylbenzene	42.7		"	50.0		85.4	80-127				
Tetrachloroethylene	41.2		"	50.0		82.4	80-129				
Tetrahydrofuran	51.7		"	50.0		103	64-137				
Toluene	47.8		"	50.0		95.6	85-121				
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	48.1		"	50.0		96.2	78-132				
trans-1,4-dichloro-2-butene	63.1		"	50.0		126	75-135				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	60.5		"	50.0		121	62-140				
Vinyl acetate	54.0		"	50.0		108	67-136				
Vinyl Chloride	56.4		"	50.0		113	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	49.0		"	50.0		98.1	77-125				
Surrogate: SURR: Toluene-d8	47.6		"	50.0		95.1	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.7		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD20602 - EPA 5035A											
LCS Dup (BD20602-BSD1)						Prepared & Analyzed: 04/08/2022					
1,1,1,2-Tetrachloroethane	50.4		ug/L	50.0		101	75-129		7.43	30	
1,1,1-Trichloroethane	57.2		"	50.0		114	71-137		7.49	30	
1,1,2,2-Tetrachloroethane	50.5		"	50.0		101	79-129		5.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.1		"	50.0		114	58-146		4.64	30	
1,1,2-Trichloroethane	49.4		"	50.0		98.8	83-123		8.18	30	
1,1-Dichloroethane	56.0		"	50.0		112	75-130		6.81	30	
1,1-Dichloroethylene	56.5		"	50.0		113	64-137		5.16	30	
1,1-Dichloropropylene	54.7		"	50.0		109	77-127		5.97	30	
1,2,3-Trichlorobenzene	47.4		"	50.0		94.9	81-140		8.48	30	
1,2,3-Trichloropropane	49.2		"	50.0		98.4	81-126		6.42	30	
1,2,4,5-Tetramethylbenzene	50.5		"	50.0		101	63-156		7.01	30	
1,2,4-Trichlorobenzene	48.1		"	50.0		96.2	80-141		5.14	30	
1,2,4-Trimethylbenzene	51.5		"	50.0		103	84-125		5.08	30	
1,2-Dibromo-3-chloropropane	50.4		"	50.0		101	74-142		7.11	30	
1,2-Dibromoethane	49.6		"	50.0		99.2	86-123		7.10	30	
1,2-Dichlorobenzene	48.8		"	50.0		97.5	85-122		7.47	30	
1,2-Dichloroethane	56.3		"	50.0		113	71-133		8.02	30	
1,2-Dichloropropane	53.8		"	50.0		108	81-122		9.61	30	
1,3,5-Trimethylbenzene	50.2		"	50.0		100	82-126		5.36	30	
1,3-Dichlorobenzene	49.2		"	50.0		98.5	84-124		6.39	30	
1,3-Dichloropropane	49.6		"	50.0		99.1	83-123		7.17	30	
1,4-Dichlorobenzene	49.4		"	50.0		98.7	84-124		6.23	30	
1,4-Dioxane	1010		"	1050		95.9	10-228		5.13	30	
2,2-Dichloropropane	62.4		"	50.0		125	67-136		9.90	30	
2-Butanone	48.9		"	50.0		97.7	58-147		6.14	30	
2-Chloroethylvinyl ether	52.9		"	50.0		106	10-166		8.13	30	
2-Chlorotoluene	50.6		"	50.0		101	78-127		5.97	30	
2-Hexanone	49.3		"	50.0		98.6	70-139		6.93	30	
4-Chlorotoluene	51.1		"	50.0		102	79-125		5.57	30	
4-Methyl-2-pentanone	37.3		"	50.0		74.6	72-132		6.85	30	
Acetone	39.9		"	50.0		79.8	36-155		7.38	30	
Acrolein	42.7		"	50.0		85.4	10-238		3.94	30	
Acrylonitrile	54.7		"	50.0		109	66-141		3.74	30	
Benzene	57.7		"	50.0		115	77-127		7.41	30	
Bromobenzene	49.9		"	50.0		99.7	77-129		5.59	30	
Bromochloromethane	57.5		"	50.0		115	74-129		6.69	30	
Bromodichloromethane	51.4		"	50.0		103	81-124		7.68	30	
Bromoform	49.8		"	50.0		99.5	80-136		8.11	30	
Bromomethane	61.3		"	50.0		123	32-177		9.21	30	
Carbon disulfide	57.2		"	50.0		114	10-136		5.41	30	
Carbon tetrachloride	59.3		"	50.0		119	66-143		7.99	30	
Chlorobenzene	52.6		"	50.0		105	86-120		6.44	30	
Chloroethane	65.2		"	50.0		130	51-142		4.24	30	
Chloroform	57.1		"	50.0		114	76-131		8.19	30	
Chloromethane	57.6		"	50.0		115	49-132		6.15	30	
cis-1,2-Dichloroethylene	58.0		"	50.0		116	74-132		9.36	30	
cis-1,3-Dichloropropylene	51.6		"	50.0		103	81-129		8.00	30	
Cyclohexane	54.6		"	50.0		109	70-130		6.21	30	
Dibromochloromethane	50.2		"	50.0		100	10-200		7.63	30	
Dibromomethane	49.4		"	50.0		98.9	83-124		9.78	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20602 - EPA 5035A											
LCS Dup (BD20602-BSD1)						Prepared & Analyzed: 04/08/2022					
Dichlorodifluoromethane	60.5		ug/L	50.0		121	28-158		5.45	30	
Diisopropyl ether (DIPE)	59.3		"	50.0		119	70-130		8.05	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	52.2		ug/L	50.0		104	84-125		7.16	30	
Ethyl tert-butyl ether (ETBE)	56.7		"	50.0		113	70-130		9.56	30	
Hexachlorobutadiene	48.6		"	50.0		97.3	83-133		6.91	30	
Iodomethane	62.3		"	50.0		125	70-130		5.53	30	
Isopropylbenzene	53.2		"	50.0		106	81-127		6.07	30	
Methyl acetate	48.7		"	50.0		97.4	41-143		5.07	30	
Methyl Methacrylate	50.6		"	50.0		101	79-125		6.07	30	
Methyl tert-butyl ether (MTBE)	54.7		"	50.0		109	74-131		8.84	30	
Methylcyclohexane	48.0		"	50.0		96.0	70-130		6.85	30	
Methylene chloride	57.4		"	50.0		115	57-141		7.34	30	
Naphthalene	48.6		"	50.0		97.2	86-141		6.06	30	
n-Butylbenzene	50.4		"	50.0		101	80-130		7.38	30	
n-Propylbenzene	51.5		"	50.0		103	74-136		5.26	30	
o-Xylene	52.2		"	50.0		104	83-123		7.68	30	
p- & m- Xylenes	105		"	100		105	82-128		6.67	30	
p-Diethylbenzene	51.1		"	50.0		102	70-144		5.64	30	
p-Ethyltoluene	52.0		"	50.0		104	84-123		5.18	30	
p-Isopropyltoluene	51.9		"	50.0		104	85-125		5.63	30	
sec-Butylbenzene	51.7		"	50.0		103	83-125		5.77	30	
Styrene	50.0		"	50.0		100	86-126		7.68	30	
tert-Amyl alcohol (TAA)	535		"	500		107	70-130		6.83	30	
tert-Amyl methyl ether (TAME)	58.1		"	50.0		116	70-130		8.89	30	
tert-Butyl alcohol (TBA)	322		"	250		129	70-130		7.24	30	
tert-Butylbenzene	44.9		"	50.0		89.9	80-127		5.07	30	
Tetrachloroethylene	44.3		"	50.0		88.7	80-129		7.29	30	
Tetrahydrofuran	56.1		"	50.0		112	64-137		8.26	30	
Toluene	51.4		"	50.0		103	85-121		7.22	30	
trans-1,2-Dichloroethylene	55.9		"	50.0		112	72-132		5.30	30	
trans-1,3-Dichloropropylene	51.8		"	50.0		104	78-132		7.41	30	
trans-1,4-dichloro-2-butene	67.2		"	50.0		134	75-135		6.26	30	
Trichloroethylene	51.0		"	50.0		102	84-123		6.99	30	
Trichlorofluoromethane	61.4		"	50.0		123	62-140		1.43	30	
Vinyl acetate	58.1		"	50.0		116	67-136		7.22	30	
Vinyl Chloride	60.1		"	50.0		120	52-130		6.42	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	49.2		"	50.0		98.3	77-125				
Surrogate: SURR: Toluene-d8	47.0		"	50.0		94.0	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.6		"	50.0		103	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20350 - EPA 3546 SVOA

Blank (BD20350-BLK1)

Prepared: 04/06/2022 Analyzed: 04/07/2022

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20350 - EPA 3546 SVOA

Blank (BD20350-BLK1)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	1.26		"	1.66		75.6	20-108				
Surrogate: SURR: Phenol-d5	1.20		"	1.66		72.4	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.659		"	0.831		79.3	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.662		"	0.831		79.7	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.30		"	1.66		78.5	19-110				
Surrogate: SURR: Terphenyl-d14	0.697		"	0.831		83.9	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20350 - EPA 3546 SVOA											
LCS (BD20350-BS1)						Prepared: 04/06/2022 Analyzed: 04/07/2022					
1,1-Biphenyl	0.702	0.0416	mg/kg wet	0.831		84.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.677	0.0830	"	0.831		81.5	21-131				
1,2,4-Trichlorobenzene	0.651	0.0416	"	0.831		78.4	10-140				
1,2-Dichlorobenzene	0.650	0.0416	"	0.831		78.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.660	0.0416	"	0.831		79.4	17-137				
1,3-Dichlorobenzene	0.641	0.0416	"	0.831		77.1	33-110				
1,4-Dichlorobenzene	0.645	0.0416	"	0.831		77.7	32-104				
2,3,4,6-Tetrachlorophenol	0.780	0.0830	"	0.831		93.9	30-130				
2,4,5-Trichlorophenol	0.686	0.0416	"	0.831		82.6	27-118				
2,4,6-Trichlorophenol	0.692	0.0416	"	0.831		83.4	31-120				
2,4-Dichlorophenol	0.697	0.0416	"	0.831		84.0	20-127				
2,4-Dimethylphenol	0.695	0.0416	"	0.831		83.6	14-132				
2,4-Dinitrophenol	0.880	0.0830	"	0.831		106	10-171				
2,4-Dinitrotoluene	0.756	0.0416	"	0.831		91.0	34-131				
2,6-Dinitrotoluene	0.747	0.0416	"	0.831		89.9	31-128				
2-Chloronaphthalene	0.673	0.0416	"	0.831		81.0	31-117				
2-Chlorophenol	0.681	0.0416	"	0.831		82.0	33-113				
2-Methylnaphthalene	0.695	0.0416	"	0.831		83.6	12-138				
2-Methylphenol	0.698	0.0416	"	0.831		84.0	10-136				
2-Nitroaniline	0.751	0.0830	"	0.831		90.4	27-132				
2-Nitrophenol	0.730	0.0416	"	0.831		87.8	17-129				
3- & 4-Methylphenols	0.628	0.0416	"	0.831		75.6	29-103				
3,3-Dichlorobenzidine	0.891	0.0416	"	0.831		107	22-149				
3-Nitroaniline	0.633	0.0830	"	0.831		76.2	20-133				
4,6-Dinitro-2-methylphenol	0.805	0.0830	"	0.831		96.9	10-143				
4-Bromophenyl phenyl ether	0.639	0.0416	"	0.831		77.0	29-120				
4-Chloro-3-methylphenol	0.726	0.0416	"	0.831		87.4	24-129				
4-Chloroaniline	0.572	0.0416	"	0.831		68.9	10-132				
4-Chlorophenyl phenyl ether	0.673	0.0416	"	0.831		81.0	27-124				
4-Nitroaniline	0.725	0.0830	"	0.831		87.3	16-128				
4-Nitrophenol	0.767	0.0830	"	0.831		92.4	10-141				
Acenaphthene	0.701	0.0416	"	0.831		84.4	30-121				
Acenaphthylene	0.667	0.0416	"	0.831		80.3	30-115				
Acetophenone	0.704	0.0416	"	0.831		84.8	20-112				
Aniline	0.670	0.166	"	0.831		80.6	10-119				
Anthracene	0.697	0.0416	"	0.831		83.9	34-118				
Atrazine	0.744	0.0416	"	0.831		89.5	26-112				
Benzaldehyde	0.681	0.0416	"	0.831		82.0	21-100				
Benzo(a)anthracene	0.714	0.0416	"	0.831		86.0	32-122				
Benzo(a)pyrene	0.719	0.0416	"	0.831		86.5	29-133				
Benzo(b)fluoranthene	0.764	0.0416	"	0.831		92.0	25-133				
Benzo(g,h,i)perylene	0.710	0.0416	"	0.831		85.5	10-143				
Benzo(k)fluoranthene	0.689	0.0416	"	0.831		83.0	25-128				
Benzoic acid	0.510	0.0416	"	0.831		61.4	10-140				
Benzyl alcohol	0.674	0.0416	"	0.831		81.2	30-115				
Benzyl butyl phthalate	0.722	0.0416	"	0.831		86.9	26-126				
Bis(2-chloroethoxy)methane	0.679	0.0416	"	0.831		81.7	19-132				
Bis(2-chloroethyl)ether	0.660	0.0416	"	0.831		79.4	19-125				
Bis(2-chloroisopropyl)ether	0.618	0.0416	"	0.831		74.4	20-135				
Bis(2-ethylhexyl)phthalate	0.739	0.0416	"	0.831		89.0	10-155				
Caprolactam	0.770	0.0830	"	0.831		92.8	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20350 - EPA 3546 SVOA

LCS (BD20350-BS1)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Carbazole	0.701	0.0416	mg/kg wet	0.831		84.4	35-123				
Chrysene	0.675	0.0416	"	0.831		81.2	32-123				
Dibenzo(a,h)anthracene	0.731	0.0416	"	0.831		88.0	10-136				
Dibenzofuran	0.681	0.0416	"	0.831		82.0	29-121				
Diethyl phthalate	0.706	0.0416	"	0.831		85.0	34-116				
Dimethyl phthalate	0.689	0.0416	"	0.831		82.9	35-124				
Di-n-butyl phthalate	0.688	0.0416	"	0.831		82.9	31-116				
Di-n-octyl phthalate	0.781	0.0416	"	0.831		94.1	26-136				
Fluoranthene	0.691	0.0416	"	0.831		83.2	33-122				
Fluorene	0.703	0.0416	"	0.831		84.6	29-123				
Hexachlorobenzene	0.641	0.0416	"	0.831		77.1	21-124				
Hexachlorobutadiene	0.648	0.0416	"	0.831		78.0	10-149				
Hexachlorocyclopentadiene	0.603	0.0416	"	0.831		72.6	10-129				
Hexachloroethane	0.671	0.0416	"	0.831		80.8	28-108				
Indeno(1,2,3-cd)pyrene	0.727	0.0416	"	0.831		87.5	10-135				
Isophorone	0.698	0.0416	"	0.831		84.0	20-132				
Naphthalene	0.698	0.0416	"	0.831		84.1	23-124				
Nitrobenzene	0.676	0.0416	"	0.831		81.4	13-132				
N-Nitrosodimethylamine	0.654	0.0416	"	0.831		78.8	11-129				
N-nitroso-di-n-propylamine	0.651	0.0416	"	0.831		78.4	24-119				
N-Nitrosodiphenylamine	0.769	0.0416	"	0.831		92.6	22-152				
Pentachlorophenol	0.673	0.0416	"	0.831		81.0	10-139				
Phenanthrene	0.661	0.0416	"	0.831		79.6	33-123				
Phenol	0.668	0.0416	"	0.831		80.4	23-115				
Pyrene	0.677	0.0416	"	0.831		81.5	24-130				
Surrogate: SURR: 2-Fluorophenol	1.28		"	1.66		76.8	20-108				
Surrogate: SURR: Phenol-d5	1.23		"	1.66		73.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.690		"	0.831		83.1	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.668		"	0.831		80.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.31		"	1.66		78.7	19-110				
Surrogate: SURR: Terphenyl-d14	0.686		"	0.831		82.6	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20350 - EPA 3546 SVOA											
Matrix Spike (BD20350-MS1)	*Source sample: 22D0190-17 (Matrix Spike)						Prepared: 04/06/2022 Analyzed: 04/07/2022				
1,1-Biphenyl	0.685	0.0861	mg/kg dry	0.860	ND	79.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.644	0.172	"	0.860	ND	74.8	10-133				
1,2,4-Trichlorobenzene	0.547	0.0861	"	0.860	ND	63.6	10-127				
1,2-Dichlorobenzene	0.540	0.0861	"	0.860	ND	62.7	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.680	0.0861	"	0.860	ND	79.0	10-144				
1,3-Dichlorobenzene	0.522	0.0861	"	0.860	ND	60.6	11-111				
1,4-Dichlorobenzene	0.528	0.0861	"	0.860	ND	61.4	10-106				
2,3,4,6-Tetrachlorophenol	0.771	0.172	"	0.860	ND	89.6	30-130				
2,4,5-Trichlorophenol	0.695	0.0861	"	0.860	ND	80.8	10-127				
2,4,6-Trichlorophenol	0.693	0.0861	"	0.860	ND	80.6	10-132				
2,4-Dichlorophenol	0.659	0.0861	"	0.860	ND	76.6	10-128				
2,4-Dimethylphenol	0.673	0.0861	"	0.860	ND	78.2	10-137				
2,4-Dinitrophenol	0.791	0.172	"	0.860	ND	91.9	10-171				
2,4-Dinitrotoluene	0.734	0.0861	"	0.860	ND	85.4	16-135				
2,6-Dinitrotoluene	0.742	0.0861	"	0.860	ND	86.2	18-131				
2-Chloronaphthalene	0.648	0.0861	"	0.860	ND	75.3	10-129				
2-Chlorophenol	0.619	0.0861	"	0.860	ND	71.9	15-116				
2-Methylnaphthalene	0.631	0.0861	"	0.860	ND	73.4	10-147				
2-Methylphenol	0.668	0.0861	"	0.860	ND	77.6	10-136				
2-Nitroaniline	0.738	0.172	"	0.860	ND	85.8	10-137				
2-Nitrophenol	0.625	0.0861	"	0.860	ND	72.6	10-129				
3- & 4-Methylphenols	0.611	0.0861	"	0.860	ND	71.0	10-123				
3,3-Dichlorobenzidine	ND	0.0861	"	0.860	ND		10-155	Low Bias			
3-Nitroaniline	0.614	0.172	"	0.860	ND	71.4	12-133				
4,6-Dinitro-2-methylphenol	0.694	0.172	"	0.860	ND	80.6	10-155				
4-Bromophenyl phenyl ether	0.648	0.0861	"	0.860	ND	75.4	14-128				
4-Chloro-3-methylphenol	0.715	0.0861	"	0.860	ND	83.1	10-134				
4-Chloroaniline	0.520	0.0861	"	0.860	ND	60.5	10-145				
4-Chlorophenyl phenyl ether	0.666	0.0861	"	0.860	ND	77.4	14-130				
4-Nitroaniline	0.657	0.172	"	0.860	ND	76.3	10-147				
4-Nitrophenol	0.781	0.172	"	0.860	ND	90.8	10-137				
Acenaphthene	0.692	0.0861	"	0.860	ND	80.4	10-146				
Acenaphthylene	0.675	0.0861	"	0.860	ND	78.4	10-134				
Acetophenone	0.637	0.0861	"	0.860	ND	74.0	10-116				
Aniline	0.485	0.345	"	0.860	ND	56.3	10-123				
Anthracene	0.763	0.0861	"	0.860	0.0978	77.3	10-142				
Atrazine	0.762	0.0861	"	0.860	ND	88.6	19-115				
Benzaldehyde	0.592	0.0861	"	0.860	ND	68.8	10-125				
Benzo(a)anthracene	0.915	0.0861	"	0.860	0.414	58.3	10-158				
Benzo(a)pyrene	1.04	0.0861	"	0.860	0.722	37.5	10-180				
Benzo(b)fluoranthene	1.39	0.0861	"	0.860	1.18	24.4	10-200				
Benzo(g,h,i)perylene	1.27	0.0861	"	0.860	1.02	29.0	10-138				
Benzo(k)fluoranthene	1.03	0.0861	"	0.860	0.747	33.1	10-197				
Benzoic acid	0.768	0.0861	"	0.860	ND	89.3	10-166				
Benzyl alcohol	0.609	0.0861	"	0.860	ND	70.8	12-124				
Benzyl butyl phthalate	0.789	0.0861	"	0.860	ND	91.8	10-154				
Bis(2-chloroethoxy)methane	0.593	0.0861	"	0.860	ND	68.9	10-132				
Bis(2-chloroethyl)ether	0.568	0.0861	"	0.860	ND	66.0	10-119				
Bis(2-chloroisopropyl)ether	0.557	0.0861	"	0.860	ND	64.7	10-139				
Bis(2-ethylhexyl)phthalate	0.818	0.0861	"	0.860	0.0543	88.8	10-167				
Caprolactam	0.750	0.172	"	0.860	ND	87.1	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20350 - EPA 3546 SVOA

Matrix Spike (BD20350-MS1)		*Source sample: 22D0190-17 (Matrix Spike)						Prepared: 04/06/2022 Analyzed: 04/07/2022			
Carbazole	0.769	0.0861	mg/kg dry	0.860	0.118	75.7	10-167				
Chrysene	1.28	0.0861	"	0.860	1.13	17.5	10-156				
Dibenzo(a,h)anthracene	0.900	0.0861	"	0.860	0.199	81.4	10-137				
Dibenzofuran	0.691	0.0861	"	0.860	ND	80.3	10-147				
Diethyl phthalate	0.704	0.0861	"	0.860	ND	81.8	20-120				
Dimethyl phthalate	0.690	0.0861	"	0.860	ND	80.2	18-131				
Di-n-butyl phthalate	0.712	0.0861	"	0.860	ND	82.8	10-137				
Di-n-octyl phthalate	0.844	0.0861	"	0.860	ND	98.1	10-180				
Fluoranthene	1.40	0.0861	"	0.860	1.37	3.48	10-160	Low Bias			
Fluorene	0.724	0.0861	"	0.860	ND	84.2	10-157				
Hexachlorobenzene	0.670	0.0861	"	0.860	ND	77.9	10-137				
Hexachlorobutadiene	0.560	0.0861	"	0.860	ND	65.0	10-132				
Hexachlorocyclopentadiene	0.423	0.0861	"	0.860	ND	49.1	10-106				
Hexachloroethane	0.556	0.0861	"	0.860	ND	64.6	10-110				
Indeno(1,2,3-cd)pyrene	1.41	0.0861	"	0.860	0.979	50.3	10-144				
Isophorone	0.655	0.0861	"	0.860	ND	76.2	10-132				
Naphthalene	0.626	0.0861	"	0.860	ND	72.8	10-141				
Nitrobenzene	0.570	0.0861	"	0.860	ND	66.2	10-131				
N-Nitrosodimethylamine	0.536	0.0861	"	0.860	ND	62.3	10-126				
N-nitroso-di-n-propylamine	0.592	0.0861	"	0.860	ND	68.8	10-125				
N-Nitrosodiphenylamine	0.790	0.0861	"	0.860	ND	91.8	10-177				
Pentachlorophenol	0.688	0.0861	"	0.860	ND	79.9	10-153				
Phenanthrene	1.03	0.0861	"	0.860	0.719	36.4	10-148				
Phenol	0.628	0.0861	"	0.860	ND	73.0	10-126				
Pyrene	1.48	0.0861	"	0.860	1.47	0.597	10-165	Low Bias			
Surrogate: SURR: 2-Fluorophenol	1.17		"	1.72		67.8	20-108				
Surrogate: SURR: Phenol-d5	1.20		"	1.72		69.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.596		"	0.860		69.3	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.643		"	0.860		74.7	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.32		"	1.72		76.6	19-110				
Surrogate: SURR: Terphenyl-d14	0.722		"	0.860		83.9	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20350 - EPA 3546 SVOA											
Matrix Spike Dup (BD20350-MSD1)	*Source sample: 22D0190-17 (Matrix Spike Dup)						Prepared: 04/06/2022 Analyzed: 04/07/2022				
1,1-Biphenyl	0.500	0.0861	mg/kg dry	0.860	ND	58.2	10-130		31.1	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.474	0.172	"	0.860	ND	55.0	10-133		30.4	30	Non-dir.
1,2,4-Trichlorobenzene	0.396	0.0861	"	0.860	ND	46.0	10-127		32.1	30	Non-dir.
1,2-Dichlorobenzene	0.388	0.0861	"	0.860	ND	45.1	14-111		32.6	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.552	0.0861	"	0.860	ND	64.2	10-144		20.8	30	
1,3-Dichlorobenzene	0.375	0.0861	"	0.860	ND	43.6	11-111		32.7	30	Non-dir.
1,4-Dichlorobenzene	0.387	0.0861	"	0.860	ND	45.0	10-106		30.7	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.672	0.172	"	0.860	ND	78.2	30-130		13.6	30	
2,4,5-Trichlorophenol	0.588	0.0861	"	0.860	ND	68.3	10-127		16.7	30	
2,4,6-Trichlorophenol	0.552	0.0861	"	0.860	ND	64.2	10-132		22.7	30	
2,4-Dichlorophenol	0.502	0.0861	"	0.860	ND	58.3	10-128		27.1	30	
2,4-Dimethylphenol	0.505	0.0861	"	0.860	ND	58.6	10-137		28.6	30	
2,4-Dinitrophenol	0.629	0.172	"	0.860	ND	73.1	10-171		22.8	30	
2,4-Dinitrotoluene	0.629	0.0861	"	0.860	ND	73.1	16-135		15.4	30	
2,6-Dinitrotoluene	0.599	0.0861	"	0.860	ND	69.6	18-131		21.4	30	
2-Chloronaphthalene	0.482	0.0861	"	0.860	ND	56.1	10-129		29.2	30	
2-Chlorophenol	0.438	0.0861	"	0.860	ND	50.9	15-116		34.3	30	Non-dir.
2-Methylnaphthalene	0.460	0.0861	"	0.860	ND	53.4	10-147		31.4	30	Non-dir.
2-Methylphenol	0.489	0.0861	"	0.860	ND	56.8	10-136		31.0	30	Non-dir.
2-Nitroaniline	0.597	0.172	"	0.860	ND	69.4	10-137		21.0	30	
2-Nitrophenol	0.454	0.0861	"	0.860	ND	52.7	10-129		31.8	30	Non-dir.
3- & 4-Methylphenols	0.452	0.0861	"	0.860	ND	52.5	10-123		30.1	30	Non-dir.
3,3-Dichlorobenzidine	0.347	0.0861	"	0.860	ND	40.3	10-155			30	
3-Nitroaniline	0.543	0.172	"	0.860	ND	63.1	12-133		12.3	30	
4,6-Dinitro-2-methylphenol	0.557	0.172	"	0.860	ND	64.7	10-155		21.9	30	
4-Bromophenyl phenyl ether	0.541	0.0861	"	0.860	ND	62.9	14-128		18.1	30	
4-Chloro-3-methylphenol	0.587	0.0861	"	0.860	ND	68.2	10-134		19.7	30	
4-Chloroaniline	0.444	0.0861	"	0.860	ND	51.6	10-145		15.8	30	
4-Chlorophenyl phenyl ether	0.535	0.0861	"	0.860	ND	62.2	14-130		21.8	30	
4-Nitroaniline	0.598	0.172	"	0.860	ND	69.5	10-147		9.33	30	
4-Nitrophenol	0.685	0.172	"	0.860	ND	79.6	10-137		13.1	30	
Acenaphthene	0.543	0.0861	"	0.860	ND	63.1	10-146		24.1	30	
Acenaphthylene	0.525	0.0861	"	0.860	ND	61.0	10-134		24.9	30	
Acetophenone	0.452	0.0861	"	0.860	ND	52.6	10-116		33.9	30	Non-dir.
Aniline	0.381	0.345	"	0.860	ND	44.2	10-123		24.0	30	
Anthracene	0.697	0.0861	"	0.860	0.0978	69.6	10-142		9.06	30	
Atrazine	0.654	0.0861	"	0.860	ND	76.0	19-115		15.3	30	
Benzaldehyde	0.427	0.0861	"	0.860	ND	49.6	10-125		32.4	30	Non-dir.
Benzo(a)anthracene	0.906	0.0861	"	0.860	0.414	57.3	10-158		0.982	30	
Benzo(a)pyrene	1.01	0.0861	"	0.860	0.722	33.4	10-180		3.42	30	
Benzo(b)fluoranthene	1.27	0.0861	"	0.860	1.18	9.90	10-200	Low Bias	9.39	30	
Benzo(g,h,i)perylene	1.14	0.0861	"	0.860	1.02	13.4	10-138		11.1	30	
Benzo(k)fluoranthene	0.978	0.0861	"	0.860	0.747	26.8	10-197		5.34	30	
Benzoic acid	0.603	0.0861	"	0.860	ND	70.1	10-166		24.1	30	
Benzyl alcohol	0.430	0.0861	"	0.860	ND	50.0	12-124		34.4	30	Non-dir.
Benzyl butyl phthalate	0.703	0.0861	"	0.860	ND	81.7	10-154		11.6	30	
Bis(2-chloroethoxy)methane	0.423	0.0861	"	0.860	ND	49.1	10-132		33.5	30	Non-dir.
Bis(2-chloroethyl)ether	0.394	0.0861	"	0.860	ND	45.8	10-119		36.1	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.391	0.0861	"	0.860	ND	45.4	10-139		35.0	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.725	0.0861	"	0.860	0.0543	77.9	10-167		12.1	30	
Caprolactam	0.622	0.172	"	0.860	ND	72.3	10-132		18.6	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20350 - EPA 3546 SVOA											
Matrix Spike Dup (BD20350-MSD1)	*Source sample: 22D0190-17 (Matrix Spike Dup)						Prepared: 04/06/2022 Analyzed: 04/07/2022				
Carbazole	0.680	0.0861	mg/kg dry	0.860	0.118	65.3	10-167	Low Bias	12.3	30	
Chrysene	1.21	0.0861	"	0.860	1.13	8.63	10-156		6.14	30	
Dibenzo(a,h)anthracene	0.794	0.0861	"	0.860	0.199	69.2	10-137		12.4	30	
Dibenzofuran	0.551	0.0861	"	0.860	ND	64.0	10-147		22.6	30	
Diethyl phthalate	0.586	0.0861	"	0.860	ND	68.1	20-120	Low Bias	18.4	30	
Dimethyl phthalate	0.551	0.0861	"	0.860	ND	64.0	18-131		22.4	30	
Di-n-butyl phthalate	0.625	0.0861	"	0.860	ND	72.6	10-137		13.1	30	
Di-n-octyl phthalate	0.742	0.0861	"	0.860	ND	86.2	10-180		12.8	30	
Fluoranthene	1.45	0.0861	"	0.860	1.37	9.56	10-160	Low Bias	3.66	30	
Fluorene	0.602	0.0861	"	0.860	ND	70.0	10-157		18.4	30	
Hexachlorobenzene	0.582	0.0861	"	0.860	ND	67.6	10-137		14.2	30	
Hexachlorobutadiene	0.405	0.0861	"	0.860	ND	47.1	10-132		32.0	30	Non-dir.
Hexachlorocyclopentadiene	0.252	0.0861	"	0.860	ND	29.3	10-106	Low Bias	50.6	30	Non-dir.
Hexachloroethane	0.399	0.0861	"	0.860	ND	46.4	10-110		32.9	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1.10	0.0861	"	0.860	0.979	14.3	10-144		24.6	30	
Isophorone	0.493	0.0861	"	0.860	ND	57.4	10-132		28.2	30	
Naphthalene	0.454	0.0861	"	0.860	ND	52.7	10-141	Low Bias	32.0	30	Non-dir.
Nitrobenzene	0.410	0.0861	"	0.860	ND	47.6	10-131		32.7	30	Non-dir.
N-Nitrosodimethylamine	0.388	0.0861	"	0.860	ND	45.1	10-126		32.0	30	Non-dir.
N-nitroso-di-n-propylamine	0.422	0.0861	"	0.860	ND	49.0	10-125		33.5	30	Non-dir.
N-Nitrosodiphenylamine	0.671	0.0861	"	0.860	ND	78.0	10-177	Low Bias	16.3	30	
Pentachlorophenol	0.599	0.0861	"	0.860	ND	69.7	10-153		13.7	30	
Phenanthrene	0.977	0.0861	"	0.860	0.719	30.0	10-148		5.48	30	
Phenol	0.463	0.0861	"	0.860	ND	53.8	10-126		30.3	30	Non-dir.
Pyrene	1.45	0.0861	"	0.860	1.47	NR	10-165	Low Bias	1.93	30	
Surrogate: SURR: 2-Fluorophenol	0.807		"	1.72		46.9	20-108				
Surrogate: SURR: Phenol-d5	0.845		"	1.72		49.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.414		"	0.860		48.2	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.465		"	0.860		54.1	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.11		"	1.72		64.3	19-110				
Surrogate: SURR: Terphenyl-d14	0.629		"	0.860		73.1	24-116				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20261 - EPA 3550C

Blank (BD20261-BLK1)

Prepared: 04/05/2022 Analyzed: 04/06/2022

1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	267		"	495		54.0	39-127.5				

LCS (BD20261-BS1)

Prepared: 04/05/2022 Analyzed: 04/06/2022

1,4-Dioxane	476	19.8	ug/kg	495		96.2	40-130				
Surrogate: 1,4-Dioxane-d8	257		"	495		52.0	39-127.5				

Matrix Spike (BD20261-MS1)

*Source sample: 22D0058-02 (Matrix Spike)

Prepared: 04/05/2022 Analyzed: 04/06/2022

1,4-Dioxane	476	19.8	ug/kg	495	ND	96.2	40-130				
Surrogate: 1,4-Dioxane-d8	267		"	495		54.0	40-130				

Matrix Spike Dup (BD20261-MSD1)

*Source sample: 22D0058-02 (Matrix Spike Dup)

Prepared: 04/05/2022 Analyzed: 04/06/2022

1,4-Dioxane	461	19.8	ug/kg	495	ND	93.2	40-130		3.17	30	
Surrogate: 1,4-Dioxane-d8	287		"	495		58.0	40-130				

Batch BD20303 - EPA 3550C

Blank (BD20303-BLK1)

Prepared & Analyzed: 04/06/2022

1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	218		"	495		44.0	39-127.5				

LCS (BD20303-BS1)

Prepared & Analyzed: 04/06/2022

1,4-Dioxane	471	19.8	ug/kg	495		95.2	40-130				
Surrogate: 1,4-Dioxane-d8	208		"	495		42.0	39-127.5				

Matrix Spike (BD20303-MS1)

*Source sample: 22D0058-11 (Matrix Spike)

Prepared & Analyzed: 04/06/2022

1,4-Dioxane	472	19.8	ug/kg	495	ND	95.4	40-130				
Surrogate: 1,4-Dioxane-d8	218		"	495		44.0	40-130				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20303 - EPA 3550C

Matrix Spike Dup (BD20303-MSD1)		*Source sample: 22D0058-11 (Matrix Spike Dup)						Prepared & Analyzed: 04/06/2022			
1,4-Dioxane	495	19.8	ug/kg	495	ND	100	40-130		4.71	30	
Surrogate: 1,4-Dioxane-d8	208		"	495		42.0	40-130				

Batch BD20308 - EPA 3535A

Blank (BD20308-BLK1)		Prepared: 04/06/2022 Analyzed: 04/07/2022									
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	3.36		"	4.00		84.0	36.6-118				

LCS (BD20308-BS1)		Prepared: 04/06/2022 Analyzed: 04/07/2022									
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	3.36		"	4.00		84.0	36.6-118				

Matrix Spike (BD20308-MS1)		*Source sample: 22D0074-01 (Matrix Spike)						Prepared: 04/06/2022 Analyzed: 04/07/2022			
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130				
Surrogate: 1,4-Dioxane-d8	3.36		"	4.00		84.0	50-130				

Matrix Spike Dup (BD20308-MSD1)		*Source sample: 22D0074-01 (Matrix Spike Dup)						Prepared: 04/06/2022 Analyzed: 04/07/2022			
1,4-Dioxane	4.40	0.300	ug/L	4.00	ND	110	50-130		9.52	30	
Surrogate: 1,4-Dioxane-d8	3.20		"	4.00		80.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20335 - SPE Ext-PFAS-EPA 537.1M

Blank (BD20335-BLK1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	69.6		"	74.3		93.6	25-150				
Surrogate: M5PFHxA	80.9		"	80.0		101	25-150				
Surrogate: M4PFHpA	90.3		"	80.0		113	25-150				
Surrogate: M3PFHxS	68.5		"	75.7		90.6	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	63.2		"	80.0		79.0	25-150				
Surrogate: M6PFDA	88.7		"	80.0		111	25-150				
Surrogate: M7PFUdA	73.6		"	80.0		92.0	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	61.5		"	80.0		76.9	25-150				
Surrogate: M2PFTeDA	68.2		"	80.0		85.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.7		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	67.9		"	76.6		88.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	85.9		"	80.0		107	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	16.1		"	80.0		20.1	10-150				
Surrogate: d3-N-MeFOSAA	63.6		"	80.0		79.5	25-150				
Surrogate: d5-N-EtFOSAA	65.6		"	80.0		82.0	25-150				
Surrogate: M2-6:2 FTS	64.8		"	75.9		85.4	25-200				
Surrogate: M2-8:2 FTS	121		"	76.6		157	25-200				
Surrogate: M9PFNA	74.4		"	80.0		93.1	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20335 - SPE Ext-PFAS-EPA 537.1M

LCS (BD20335-BS1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

Perfluorobutanesulfonic acid (PFBS)	79.0	2.00	ng/L	70.8		112	50-130				
Perfluorohexanoic acid (PFHxA)	81.8	2.00	"	80.0		102	50-130				
Perfluoroheptanoic acid (PFHpA)	78.6	2.00	"	80.0		98.3	50-130				
Perfluorohexanesulfonic acid (PFHxS)	70.0	2.00	"	72.8		96.2	50-130				
Perfluorooctanoic acid (PFOA)	92.0	2.00	"	80.0		115	50-130				
Perfluorooctanesulfonic acid (PFOS)	66.8	2.00	"	74.0		90.3	50-130				
Perfluorononanoic acid (PFNA)	76.9	2.00	"	80.0		96.1	50-130				
Perfluorodecanoic acid (PFDA)	72.4	2.00	"	80.0		90.4	50-130				
Perfluoroundecanoic acid (PFUnA)	81.9	2.00	"	80.0		102	50-130				
Perfluorododecanoic acid (PFDoA)	79.6	2.00	"	80.0		99.5	50-130				
Perfluorotridecanoic acid (PFTriDA)	67.2	2.00	"	80.0		84.0	50-130				
Perfluorotetradecanoic acid (PFTA)	60.4	2.00	"	80.0		75.5	50-130				
N-MeFOSAA	77.8	2.00	"	80.0		97.2	50-130				
N-EtFOSAA	86.3	2.00	"	80.0		108	50-130				
Perfluoropentanoic acid (PFPeA)	81.4	2.00	"	80.0		102	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	100	2.00	"	80.0		125	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	89.6	2.00	"	76.4		117	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	83.5	2.00	"	77.2		108	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	81.3	5.00	"	76.0		107	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	77.6	2.00	"	76.8		101	50-175				
Perfluoro-n-butanoic acid (PFBA)	84.0	2.00	"	80.0		105	50-130				
Surrogate: M3PFBS	62.3		"	74.3		83.9	25-150				
Surrogate: M5PFHxA	82.5		"	80.0		103	25-150				
Surrogate: M4PFHpA	87.9		"	80.0		110	25-150				
Surrogate: M3PFHxS	68.8		"	75.7		90.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	70.5		"	80.0		88.1	25-150				
Surrogate: M6PFDA	86.3		"	80.0		108	25-150				
Surrogate: M7PFUdA	74.1		"	80.0		92.6	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.9		"	80.0		89.8	25-150				
Surrogate: M2PFTeDA	85.2		"	80.0		106	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	90.7		"	80.0		113	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	62.3		"	76.6		81.4	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	88.0		"	80.0		110	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	41.2		"	80.0		51.5	10-150				
Surrogate: d3-N-MeFOSAA	72.3		"	80.0		90.4	25-150				
Surrogate: d5-N-EtFOSAA	64.9		"	80.0		81.1	25-150				
Surrogate: M2-6:2 FTS	68.5		"	75.9		90.2	25-200				
Surrogate: M2-8:2 FTS	61.1		"	76.6		79.8	25-200				
Surrogate: M9PFNA	76.4		"	80.0		95.5	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20335 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BD20335-BSD1)						Prepared: 04/06/2022 Analyzed: 04/08/2022					
Perfluorobutanesulfonic acid (PFBS)	71.9	2.00	ng/L	70.8		102	50-130		9.32	30	
Perfluorohexanoic acid (PFHxA)	76.9	2.00	"	80.0		96.1	50-130		6.27	30	
Perfluoroheptanoic acid (PFHpA)	72.6	2.00	"	80.0		90.8	50-130		7.91	30	
Perfluorohexanesulfonic acid (PFHxS)	62.9	2.00	"	72.8		86.4	50-130		10.7	30	
Perfluorooctanoic acid (PFOA)	85.0	2.00	"	80.0		106	50-130		7.89	30	
Perfluorooctanesulfonic acid (PFOS)	75.4	2.00	"	74.0		102	50-130		12.0	30	
Perfluorononanoic acid (PFNA)	71.5	2.00	"	80.0		89.3	50-130		7.29	30	
Perfluorodecanoic acid (PFDA)	62.9	2.00	"	80.0		78.6	50-130		14.0	30	
Perfluoroundecanoic acid (PFUnA)	76.5	2.00	"	80.0		95.7	50-130		6.79	30	
Perfluorododecanoic acid (PFDoA)	75.3	2.00	"	80.0		94.1	50-130		5.61	30	
Perfluorotridecanoic acid (PFTriDA)	73.2	2.00	"	80.0		91.4	50-130		8.51	30	
Perfluorotetradecanoic acid (PFTA)	56.5	2.00	"	80.0		70.7	50-130		6.54	30	
N-MeFOSAA	78.7	2.00	"	80.0		98.4	50-130		1.15	30	
N-EtFOSAA	75.4	2.00	"	80.0		94.2	50-130		13.5	30	
Perfluoropentanoic acid (PFPeA)	77.0	2.00	"	80.0		96.3	50-130		5.46	30	
Perfluoro-1-octanesulfonamide (FOSA)	91.4	2.00	"	80.0		114	50-130		9.05	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	83.0	2.00	"	76.4		109	50-130		7.69	30	
Perfluoro-1-decanesulfonic acid (PFDS)	79.4	2.00	"	77.2		103	50-130		5.09	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	72.1	5.00	"	76.0		94.9	50-175		12.0	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	71.1	2.00	"	76.8		92.6	50-175		8.70	30	
Perfluoro-n-butanoic acid (PFBA)	78.3	2.00	"	80.0		97.9	50-130		7.01	30	
Surrogate: M3PFBS	64.9		"	74.3		87.3	25-150				
Surrogate: M5PFHxA	76.2		"	80.0		95.3	25-150				
Surrogate: M4PFHpA	85.0		"	80.0		106	25-150				
Surrogate: M3PFHxS	74.6		"	75.7		98.5	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	70.0		"	80.0		87.5	25-150				
Surrogate: M6PFDA	91.6		"	80.0		115	25-150				
Surrogate: M7PFUdA	74.9		"	80.0		93.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	66.1		"	80.0		82.6	25-150				
Surrogate: M2PFTeDA	81.2		"	80.0		101	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	87.1		"	80.0		109	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	62.4		"	76.6		81.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	83.5		"	80.0		104	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	14.6		"	80.0		18.3	10-150				
Surrogate: d3-N-MeFOSAA	69.5		"	80.0		86.9	25-150				
Surrogate: d5-N-EtFOSAA	69.1		"	80.0		86.4	25-150				
Surrogate: M2-6:2 FTS	77.9		"	75.9		103	25-200				
Surrogate: M2-8:2 FTS	85.2		"	76.6		111	25-200				
Surrogate: M9PFNA	74.6		"	80.0		93.2	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20374 - SPE PFAS Extraction-Soil-EPA 537m

Blank (BD20374-BLK1)

Prepared: 04/06/2022 Analyzed: 04/11/2022

Perfluorobutanesulfonic acid (PFBS)	ND	0.244	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.244	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.244	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.244	"								
Perfluorooctanoic acid (PFOA)	ND	0.244	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.244	"								
Perfluorononanoic acid (PFNA)	ND	0.244	"								
Perfluorodecanoic acid (PFDA)	ND	0.244	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.244	"								
Perfluorododecanoic acid (PFDoA)	ND	0.244	"								
Perfluorotridecanoic acid (PFTDA)	ND	0.244	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.244	"								
N-MeFOSAA	ND	0.244	"								
N-EtFOSAA	ND	0.244	"								
Perfluoropentanoic acid (PFPeA)	ND	0.244	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.244	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.244	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.244	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.244	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.244	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.244	"								
Surrogate: M3PFBS	8.69		"	9.07		95.9	25-150				
Surrogate: M5PFHxA	8.72		"	9.76		89.3	25-150				
Surrogate: M4PFHpA	7.58		"	9.76		77.7	25-150				
Surrogate: M3PFHxS	8.37		"	9.23		90.6	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.10		"	9.76		42.0	25-150				
Surrogate: M6PFDA	3.58		"	9.76		36.7	25-150				
Surrogate: M7PFUdA	3.89		"	9.76		39.8	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.42		"	9.76		35.1	25-150				
Surrogate: M2PFTeDA	5.19		"	9.76		53.1	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.19		"	9.76		94.1	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	6.46		"	9.34		69.1	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	8.88		"	9.76		90.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.58		"	9.76		36.7	10-150				
Surrogate: d3-N-MeFOSAA	2.34		"	9.76		24.0	25-150				
Surrogate: d5-N-EtFOSAA	3.38		"	9.76		34.7	25-150				
Surrogate: M2-6:2 FTS	7.75		"	9.26		83.7	25-200				
Surrogate: M2-8:2 FTS	7.09		"	9.35		75.8	25-200				
Surrogate: M9PFNA	3.15		"	9.76		32.3	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20374 - SPE PFAS Extraction-Soil-EPA 537m

LCS (BD20374-BS1)

Prepared: 04/06/2022 Analyzed: 04/11/2022

Perfluorobutanesulfonic acid (PFBS)	4.35	0.248	ug/kg wet	4.38		99.3	50-130				
Perfluorohexanoic acid (PFHxA)	4.81	0.248	"	4.95		97.1	50-130				
Perfluoroheptanoic acid (PFHpA)	4.69	0.248	"	4.95		94.6	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.55	0.248	"	4.51		101	50-130				
Perfluorooctanoic acid (PFOA)	5.09	0.248	"	4.95		103	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.41	0.248	"	4.58		96.1	50-130				
Perfluorononanoic acid (PFNA)	4.75	0.248	"	4.95		96.0	50-130				
Perfluorodecanoic acid (PFDA)	4.81	0.248	"	4.95		97.1	50-130				
Perfluoroundecanoic acid (PFUnA)	5.04	0.248	"	4.95		102	50-130				
Perfluorododecanoic acid (PFDoA)	4.95	0.248	"	4.95		100	50-130				
Perfluorotridecanoic acid (PFTDA)	5.88	0.248	"	4.95		119	50-130				
Perfluorotetradecanoic acid (PFTA)	5.01	0.248	"	4.95		101	50-130				
N-MeFOSAA	4.54	0.248	"	4.95		91.7	50-130				
N-EtFOSAA	3.89	0.248	"	4.95		78.5	50-130				
Perfluoropentanoic acid (PFPeA)	5.03	0.248	"	4.95		101	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	5.26	0.248	"	4.95		106	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.46	0.248	"	4.73		94.4	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.02	0.248	"	4.78		84.1	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.60	0.248	"	4.71		97.8	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.32	0.248	"	4.76		90.8	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.99	0.248	"	4.95		101	50-130				
Surrogate: M3PFBS	4.21		"	4.60		91.5	25-150				
Surrogate: M5PFHxA	4.62		"	4.95		93.2	25-150				
Surrogate: M4PFHpA	4.81		"	4.95		97.1	25-150				
Surrogate: M3PFHxS	4.53		"	4.69		96.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.45		"	4.95		89.9	25-150				
Surrogate: M6PFDA	4.58		"	4.95		92.5	25-150				
Surrogate: M7PFUdA	4.08		"	4.95		82.3	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.95		"	4.95		79.7	25-150				
Surrogate: M2PFTeDA	3.58		"	4.95		72.3	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.69		"	4.95		94.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	4.53		"	4.74		95.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.60		"	4.95		92.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.45		"	4.95		69.7	10-150				
Surrogate: d3-N-MeFOSAA	3.84		"	4.95		77.6	25-150				
Surrogate: d5-N-EtFOSAA	4.67		"	4.95		94.3	25-150				
Surrogate: M2-6:2 FTS	4.83		"	4.70		103	25-200				
Surrogate: M2-8:2 FTS	5.16		"	4.75		109	25-200				
Surrogate: M9PFNA	4.25		"	4.95		85.7	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20374 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike (BD20374-MS1)	*Source sample: 22D0075-01 (SB-1A)						Prepared: 04/06/2022 Analyzed: 04/11/2022				
Perfluorobutanesulfonic acid (PFBS)	4.79	0.260	ug/kg dry	4.60	ND	104	25-150				
Perfluorohexanoic acid (PFHxA)	5.46	0.260	"	5.20	ND	105	25-150				
Perfluoroheptanoic acid (PFHpA)	5.04	0.260	"	5.20	ND	97.0	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.67	0.260	"	4.73	ND	98.8	25-150				
Perfluorooctanoic acid (PFOA)	5.99	0.260	"	5.20	ND	115	25-150				
Perfluorooctanesulfonic acid (PFOS)	8.56	0.260	"	4.81	1.73	142	25-150				
Perfluorononanoic acid (PFNA)	5.46	0.260	"	5.20	ND	105	25-150				
Perfluorodecanoic acid (PFDA)	5.19	0.260	"	5.20	ND	99.9	25-150				
Perfluoroundecanoic acid (PFUnA)	5.39	0.260	"	5.20	ND	104	25-150				
Perfluorododecanoic acid (PFDoA)	5.35	0.260	"	5.20	ND	103	25-150				
Perfluorotridecanoic acid (PFTDA)	7.37	0.260	"	5.20	ND	142	25-150				
Perfluorotetradecanoic acid (PFTA)	5.15	0.260	"	5.20	ND	99.2	25-150				
N-MeFOSAA	5.35	0.260	"	5.20	ND	103	25-150				
N-EtFOSAA	5.19	0.260	"	5.20	ND	99.8	25-150				
Perfluoropentanoic acid (PFPeA)	5.51	0.260	"	5.20	ND	106	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.31	0.260	"	5.20	ND	102	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.90	0.260	"	4.96	ND	139	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.06	0.260	"	5.01	ND	101	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.76	0.260	"	4.94	ND	96.4	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.92	0.260	"	4.99	ND	98.6	25-200				
Perfluoro-n-butanoic acid (PFBA)	5.62	0.260	"	5.20	ND	108	25-150				
Surrogate: M3PFBS	3.78		"	4.83		78.2	25-150				
Surrogate: M5PFHxA	4.23		"	5.20		81.5	25-150				
Surrogate: M4PFHpA	4.57		"	5.20		87.9	25-150				
Surrogate: M3PFHxS	4.53		"	4.92		92.3	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.13		"	5.20		79.4	25-150				
Surrogate: M6PFDA	4.26		"	5.20		81.9	25-150				
Surrogate: M7PFUdA	3.70		"	5.20		71.2	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.32		"	5.20		63.9	25-150				
Surrogate: M2PFTeDA	3.39		"	5.20		65.3	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.34		"	5.20		83.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.54		"	4.97		71.2	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.17		"	5.20		80.3	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.38		"	5.20		65.0	10-150				
Surrogate: d3-N-MeFOSAA	3.80		"	5.20		73.1	25-150				
Surrogate: d5-N-EtFOSAA	4.94		"	5.20		95.0	25-150				
Surrogate: M2-6:2 FTS	10.4		"	4.93		211	25-200				
Surrogate: M2-8:2 FTS	12.6		"	4.98		253	25-200				
Surrogate: M9PFNA	3.51		"	5.20		67.6	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20374 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike Dup (BD20374-MSD1)	*Source sample: 22D0075-01 (SB-1A)					Prepared: 04/06/2022 Analyzed: 04/11/2022					
Perfluorobutanesulfonic acid (PFBS)	4.53	0.260	ug/kg dry	4.60	ND	98.4	25-150		5.73	35	
Perfluorohexanoic acid (PFHxA)	5.24	0.260	"	5.20	ND	101	25-150		4.12	35	
Perfluoroheptanoic acid (PFHpA)	4.82	0.260	"	5.20	ND	92.7	25-150		4.57	35	
Perfluorooctanesulfonic acid (PFHxS)	4.82	0.260	"	4.73	ND	102	25-150		3.08	35	
Perfluorooctanoic acid (PFOA)	5.50	0.260	"	5.20	ND	106	25-150		8.63	35	
Perfluorooctanesulfonic acid (PFOS)	7.11	0.260	"	4.81	1.73	112	25-150		18.6	35	
Perfluorononanoic acid (PFNA)	5.09	0.260	"	5.20	ND	98.0	25-150		6.94	35	
Perfluorodecanoic acid (PFDA)	5.29	0.260	"	5.20	ND	102	25-150		1.78	35	
Perfluoroundecanoic acid (PFUnA)	4.97	0.260	"	5.20	ND	95.7	25-150		7.97	35	
Perfluorododecanoic acid (PFDoA)	5.13	0.260	"	5.20	ND	98.6	25-150		4.35	35	
Perfluorotridecanoic acid (PFTriDA)	7.66	0.260	"	5.20	ND	147	25-150		3.81	35	
Perfluorotetradecanoic acid (PFTA)	5.79	0.260	"	5.20	ND	111	25-150		11.7	35	
N-MeFOSAA	5.28	0.260	"	5.20	ND	102	25-150		1.25	35	
N-EtFOSAA	4.51	0.260	"	5.20	ND	86.8	25-150		13.9	35	
Perfluoropentanoic acid (PFPeA)	5.30	0.260	"	5.20	ND	102	25-150		3.86	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.60	0.260	"	5.20	ND	108	25-150		5.39	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.50	0.260	"	4.96	ND	131	25-150		6.03	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.22	0.260	"	5.02	ND	84.2	25-150		17.9	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.84	0.260	"	4.94	ND	118	25-200		20.4	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.66	0.260	"	4.99	ND	93.4	25-200		5.34	35	
Perfluoro-n-butanoic acid (PFBA)	5.36	0.260	"	5.20	ND	103	25-150		4.79	35	
Surrogate: M3PFBS	4.00		"	4.83		82.8	25-150				
Surrogate: M5PFHxA	4.23		"	5.20		81.4	25-150				
Surrogate: M4PFHpA	4.78		"	5.20		92.0	25-150				
Surrogate: M3PFHxS	4.36		"	4.92		88.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.52		"	5.20		87.0	25-150				
Surrogate: M6PFDA	3.66		"	5.20		70.4	25-150				
Surrogate: M7PFUdA	3.28		"	5.20		63.2	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.32		"	5.20		63.9	25-150				
Surrogate: M2PFTeDA	3.14		"	5.20		60.3	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.51		"	5.20		86.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.61		"	4.97		72.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.26		"	5.20		81.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.84		"	5.20		54.7	10-150				
Surrogate: d3-N-MeFOSAA	3.23		"	5.20		62.1	25-150				
Surrogate: d5-N-EtFOSAA	4.79		"	5.20		92.1	25-150				
Surrogate: M2-6:2 FTS	6.06		"	4.93		123	25-200				
Surrogate: M2-8:2 FTS	9.03		"	4.98		181	25-200				
Surrogate: M9PFNA	3.49		"	5.20		67.1	25-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20264 - EPA 3550C

Blank (BD20264-BLK1)

Prepared: 04/05/2022 Analyzed: 04/07/2022

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	0.102		"	0.0664		153	30-150				
Surrogate: Tetrachloro-m-xylene	0.0743		"	0.0664		112	30-150				

LCS (BD20264-BS1)

Prepared: 04/05/2022 Analyzed: 04/07/2022

4,4'-DDD	0.0462	0.00164	mg/kg wet	0.0332		139	40-140				
4,4'-DDE	0.0380	0.00164	"	0.0332		114	40-140				
4,4'-DDT	0.0209	0.00164	"	0.0332		62.9	40-140				
Aldrin	0.0489	0.00164	"	0.0332		147	40-140	High Bias			
alpha-BHC	0.0532	0.00164	"	0.0332		160	40-140	High Bias			
alpha-Chlordane	0.0462	0.00164	"	0.0332		139	40-140				
beta-BHC	0.0445	0.00164	"	0.0332		134	40-140				
delta-BHC	0.0448	0.00164	"	0.0332		135	40-140				
Dieldrin	0.0464	0.00164	"	0.0332		140	40-140				
Endosulfan I	0.0558	0.00164	"	0.0332		168	40-140	High Bias			
Endosulfan II	0.0449	0.00164	"	0.0332		135	40-140				
Endosulfan sulfate	0.0417	0.00164	"	0.0332		125	40-140				
Endrin	0.0446	0.00164	"	0.0332		134	40-140				
Endrin aldehyde	0.0474	0.00164	"	0.0332		143	40-140	High Bias			
Endrin ketone	0.0554	0.00164	"	0.0332		167	40-140	High Bias			
gamma-BHC (Lindane)	0.0522	0.00164	"	0.0332		157	40-140	High Bias			
gamma-Chlordane	0.0462	0.00164	"	0.0332		139	40-140				
Heptachlor	0.0483	0.00164	"	0.0332		145	40-140	High Bias			
Heptachlor epoxide	0.0509	0.00164	"	0.0332		153	40-140	High Bias			
Methoxychlor	0.0303	0.00164	"	0.0332		91.3	40-140				
Surrogate: Decachlorobiphenyl	0.0924		"	0.0664		139	30-150				
Surrogate: Tetrachloro-m-xylene	0.0623		"	0.0664		93.8	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20264 - EPA 3550C

Matrix Spike (BD20264-MS1)		*Source sample: 22D0091-03 (Matrix Spike)					Prepared: 04/05/2022 Analyzed: 04/07/2022				
4,4'-DDD	0.0543	0.00176	mg/kg dry	0.0355	ND	153	30-150	High Bias			
4,4'-DDE	0.0419	0.00176	"	0.0355	ND	118	30-150				
4,4'-DDT	0.0241	0.00176	"	0.0355	ND	67.8	30-150				
Aldrin	0.0580	0.00176	"	0.0355	ND	163	30-150	High Bias			
alpha-BHC	0.0602	0.00176	"	0.0355	ND	169	30-150	High Bias			
alpha-Chlordane	0.0561	0.00176	"	0.0355	ND	158	30-150	High Bias			
beta-BHC	0.0492	0.00176	"	0.0355	ND	139	30-150				
delta-BHC	0.0493	0.00176	"	0.0355	ND	139	30-150				
Dieldrin	0.0553	0.00176	"	0.0355	ND	156	30-150	High Bias			
Endosulfan I	0.0667	0.00176	"	0.0355	ND	188	30-150	High Bias			
Endosulfan II	0.0536	0.00176	"	0.0355	ND	151	30-150	High Bias			
Endosulfan sulfate	0.0449	0.00176	"	0.0355	ND	126	30-150				
Endrin	0.0485	0.00176	"	0.0355	ND	136	30-150				
Endrin aldehyde	0.0613	0.00176	"	0.0355	ND	172	30-150	High Bias			
Endrin ketone	0.0624	0.00176	"	0.0355	ND	175	30-150	High Bias			
gamma-BHC (Lindane)	0.0586	0.00176	"	0.0355	ND	165	30-150	High Bias			
gamma-Chlordane	0.0566	0.00176	"	0.0355	ND	159	30-150	High Bias			
Heptachlor	0.0527	0.00176	"	0.0355	ND	148	30-150				
Heptachlor epoxide	0.0578	0.00176	"	0.0355	ND	163	30-150	High Bias			
Methoxychlor	0.0329	0.00176	"	0.0355	ND	92.5	30-150				
Surrogate: Decachlorobiphenyl	0.0989		"	0.0711		139	30-150				
Surrogate: Tetrachloro-m-xylene	0.0717		"	0.0711		101	30-150				

Matrix Spike Dup (BD20264-MSD1)		*Source sample: 22D0091-03 (Matrix Spike Dup)					Prepared: 04/05/2022 Analyzed: 04/07/2022				
4,4'-DDD	0.0470	0.00176	mg/kg dry	0.0355	ND	132	30-150		14.3	30	
4,4'-DDE	0.0455	0.00176	"	0.0355	ND	128	30-150		8.19	30	
4,4'-DDT	0.0259	0.00176	"	0.0355	ND	72.8	30-150		7.15	30	
Aldrin	0.0622	0.00176	"	0.0355	ND	175	30-150	High Bias	6.97	30	
alpha-BHC	0.0652	0.00176	"	0.0355	ND	183	30-150	High Bias	7.90	30	
alpha-Chlordane	0.0596	0.00176	"	0.0355	ND	168	30-150	High Bias	6.00	30	
beta-BHC	0.0537	0.00176	"	0.0355	ND	151	30-150	High Bias	8.70	30	
delta-BHC	0.0536	0.00176	"	0.0355	ND	151	30-150	High Bias	8.29	30	
Dieldrin	0.0597	0.00176	"	0.0355	ND	168	30-150	High Bias	7.69	30	
Endosulfan I	0.0716	0.00176	"	0.0355	ND	201	30-150	High Bias	7.04	30	
Endosulfan II	0.0521	0.00176	"	0.0355	ND	147	30-150		2.75	30	
Endosulfan sulfate	0.0476	0.00176	"	0.0355	ND	134	30-150		5.66	30	
Endrin	0.0520	0.00176	"	0.0355	ND	146	30-150		6.94	30	
Endrin aldehyde	0.0487	0.00176	"	0.0355	ND	137	30-150		23.0	30	
Endrin ketone	0.0640	0.00176	"	0.0355	ND	180	30-150	High Bias	2.54	30	
gamma-BHC (Lindane)	0.0635	0.00176	"	0.0355	ND	179	30-150	High Bias	8.05	30	
gamma-Chlordane	0.0607	0.00176	"	0.0355	ND	171	30-150	High Bias	6.92	30	
Heptachlor	0.0587	0.00176	"	0.0355	ND	165	30-150	High Bias	10.7	30	
Heptachlor epoxide	0.0618	0.00176	"	0.0355	ND	174	30-150	High Bias	6.68	30	
Methoxychlor	0.0358	0.00176	"	0.0355	ND	101	30-150		8.48	30	
Surrogate: Decachlorobiphenyl	0.105		"	0.0711		148	30-150				
Surrogate: Tetrachloro-m-xylene	0.0772		"	0.0711		109	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20349 - EPA 3550C

Blank (BD20349-BLK1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	0.0539		"	0.0664		81.1	30-150				
Surrogate: Tetrachloro-m-xylene	0.0420		"	0.0664		63.3	30-150				

LCS (BD20349-BS1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

4,4'-DDD	0.0247	0.00164	mg/kg wet	0.0332		74.3	40-140				
4,4'-DDE	0.0167	0.00164	"	0.0332		50.2	40-140				
4,4'-DDT	0.0133	0.00164	"	0.0332		40.1	40-140				
Aldrin	0.0246	0.00164	"	0.0332		74.1	40-140				
alpha-BHC	0.0271	0.00164	"	0.0332		81.6	40-140				
alpha-Chlordane	0.0245	0.00164	"	0.0332		73.9	40-140				
beta-BHC	0.0249	0.00164	"	0.0332		75.0	40-140				
delta-BHC	0.0223	0.00164	"	0.0332		67.2	40-140				
Dieldrin	0.0237	0.00164	"	0.0332		71.4	40-140				
Endosulfan I	0.0298	0.00164	"	0.0332		89.8	40-140				
Endosulfan II	0.0242	0.00164	"	0.0332		72.7	40-140				
Endosulfan sulfate	0.0202	0.00164	"	0.0332		60.8	40-140				
Endrin	0.0210	0.00164	"	0.0332		63.3	40-140				
Endrin aldehyde	0.0277	0.00164	"	0.0332		83.4	40-140				
Endrin ketone	0.0276	0.00164	"	0.0332		83.0	40-140				
gamma-BHC (Lindane)	0.0270	0.00164	"	0.0332		81.1	40-140				
gamma-Chlordane	0.0249	0.00164	"	0.0332		74.9	40-140				
Heptachlor	0.0246	0.00164	"	0.0332		74.1	40-140				
Heptachlor epoxide	0.0258	0.00164	"	0.0332		77.8	40-140				
Methoxychlor	0.0135	0.00164	"	0.0332		40.5	40-140				
Surrogate: Decachlorobiphenyl	0.0465		"	0.0664		70.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.0379		"	0.0664		57.0	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20349 - EPA 3550C

Matrix Spike (BD20349-MS1)		*Source sample: 22D0193-01 (Matrix Spike)						Prepared: 04/06/2022 Analyzed: 04/10/2022			
4,4'-DDD	0.0486	0.00174	mg/kg dry	0.0352	ND	138	30-150				
4,4'-DDE	0.0330	0.00174	"	0.0352	ND	93.6	30-150				
4,4'-DDT	0.0204	0.00174	"	0.0352	ND	57.8	30-150				
Aldrin	0.0444	0.00174	"	0.0352	ND	126	30-150				
alpha-BHC	0.0482	0.00174	"	0.0352	ND	137	30-150				
alpha-Chlordane	0.0453	0.00174	"	0.0352	ND	129	30-150				
beta-BHC	0.0437	0.00174	"	0.0352	ND	124	30-150				
delta-BHC	0.0413	0.00174	"	0.0352	ND	117	30-150				
Dieldrin	0.0449	0.00174	"	0.0352	ND	127	30-150				
Endosulfan I	0.0495	0.00174	"	0.0352	ND	141	30-150				
Endosulfan II	0.0445	0.00174	"	0.0352	ND	126	30-150				
Endosulfan sulfate	0.0389	0.00174	"	0.0352	ND	110	30-150				
Endrin	0.0408	0.00174	"	0.0352	ND	116	30-150				
Endrin aldehyde	0.0493	0.00174	"	0.0352	ND	140	30-150				
Endrin ketone	0.0540	0.00174	"	0.0352	ND	153	30-150	High Bias			
gamma-BHC (Lindane)	0.0487	0.00174	"	0.0352	ND	138	30-150				
gamma-Chlordane	0.0469	0.00174	"	0.0352	ND	133	30-150				
Heptachlor	0.0465	0.00174	"	0.0352	ND	132	30-150				
Heptachlor epoxide	0.0464	0.00174	"	0.0352	ND	132	30-150				
Methoxychlor	0.0283	0.00174	"	0.0352	ND	80.4	30-150				
Surrogate: Decachlorobiphenyl	0.0809		"	0.0705		115	30-150				
Surrogate: Tetrachloro-m-xylene	0.0568		"	0.0705		80.6	30-150				

Matrix Spike Dup (BD20349-MSD1)		*Source sample: 22D0193-01 (Matrix Spike Dup)						Prepared: 04/06/2022 Analyzed: 04/10/2022			
4,4'-DDD	0.0484	0.00174	mg/kg dry	0.0352	ND	137	30-150	0.389	30		
4,4'-DDE	0.0334	0.00174	"	0.0352	ND	94.8	30-150	1.29	30		
4,4'-DDT	0.0190	0.00174	"	0.0352	ND	54.0	30-150	6.66	30		
Aldrin	0.0461	0.00174	"	0.0352	ND	131	30-150	3.65	30		
alpha-BHC	0.0493	0.00174	"	0.0352	ND	140	30-150	2.34	30		
alpha-Chlordane	0.0458	0.00174	"	0.0352	ND	130	30-150	1.07	30		
beta-BHC	0.0451	0.00174	"	0.0352	ND	128	30-150	3.19	30		
delta-BHC	0.0429	0.00174	"	0.0352	ND	122	30-150	3.60	30		
Dieldrin	0.0454	0.00174	"	0.0352	ND	129	30-150	1.18	30		
Endosulfan I	0.0491	0.00174	"	0.0352	ND	139	30-150	0.962	30		
Endosulfan II	0.0446	0.00174	"	0.0352	ND	127	30-150	0.265	30		
Endosulfan sulfate	0.0384	0.00174	"	0.0352	ND	109	30-150	1.18	30		
Endrin	0.0403	0.00174	"	0.0352	ND	114	30-150	1.20	30		
Endrin aldehyde	0.0490	0.00174	"	0.0352	ND	139	30-150	0.710	30		
Endrin ketone	0.0536	0.00174	"	0.0352	ND	152	30-150	0.678	30	High Bias	
gamma-BHC (Lindane)	0.0490	0.00174	"	0.0352	ND	139	30-150	0.595	30		
gamma-Chlordane	0.0477	0.00174	"	0.0352	ND	135	30-150	1.70	30		
Heptachlor	0.0476	0.00174	"	0.0352	ND	135	30-150	2.30	30		
Heptachlor epoxide	0.0474	0.00174	"	0.0352	ND	135	30-150	2.17	30		
Methoxychlor	0.0269	0.00174	"	0.0352	ND	76.3	30-150	5.12	30		
Surrogate: Decachlorobiphenyl	0.0776		"	0.0705		110	30-150				
Surrogate: Tetrachloro-m-xylene	0.0613		"	0.0705		87.0	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20521 - EPA 3550C

Blank (BD20521-BLK1)

Prepared: 04/08/2022 Analyzed: 04/11/2022

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	0.0812		"	0.0664		122	30-150				
Surrogate: Tetrachloro-m-xylene	0.0648		"	0.0664		97.5	30-150				

LCS (BD20521-BS1)

Prepared: 04/08/2022 Analyzed: 04/11/2022

4,4'-DDD	0.0420	0.00164	mg/kg wet	0.0332		126	40-140				
4,4'-DDE	0.0272	0.00164	"	0.0332		82.0	40-140				
4,4'-DDT	0.0144	0.00164	"	0.0332		43.3	40-140				
Aldrin	0.0409	0.00164	"	0.0332		123	40-140				
alpha-BHC	0.0450	0.00164	"	0.0332		135	40-140				
alpha-Chlordane	0.0403	0.00164	"	0.0332		121	40-140				
beta-BHC	0.0400	0.00164	"	0.0332		120	40-140				
delta-BHC	0.0363	0.00164	"	0.0332		109	40-140				
Dieldrin	0.0399	0.00164	"	0.0332		120	40-140				
Endosulfan I	0.0461	0.00164	"	0.0332		139	40-140				
Endosulfan II	0.0396	0.00164	"	0.0332		119	40-140				
Endosulfan sulfate	0.0334	0.00164	"	0.0332		100	40-140				
Endrin	0.0314	0.00164	"	0.0332		94.4	40-140				
Endrin aldehyde	0.0451	0.00164	"	0.0332		136	40-140				
Endrin ketone	0.0501	0.00164	"	0.0332		151	40-140	High Bias			
gamma-BHC (Lindane)	0.0433	0.00164	"	0.0332		130	40-140				
gamma-Chlordane	0.0408	0.00164	"	0.0332		123	40-140				
Heptachlor	0.0339	0.00164	"	0.0332		102	40-140				
Heptachlor epoxide	0.0418	0.00164	"	0.0332		126	40-140				
Methoxychlor	0.0177	0.00164	"	0.0332		53.2	40-140				
Surrogate: Decachlorobiphenyl	0.0679		"	0.0664		102	30-150				
Surrogate: Tetrachloro-m-xylene	0.0534		"	0.0664		80.4	30-150				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD20264 - EPA 3550C											
Blank (BD20264-BLK2)						Prepared: 04/05/2022 Analyzed: 04/06/2022					
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0538		"	0.0664		81.0	30-120				
Surrogate: Decachlorobiphenyl	0.0568		"	0.0664		85.5	30-120				
LCS (BD20264-BS2)						Prepared: 04/05/2022 Analyzed: 04/06/2022					
Aroclor 1016	0.212	0.0166	mg/kg wet	0.332		64.0	40-130				
Aroclor 1260	0.220	0.0166	"	0.332		66.3	40-130				
Surrogate: Tetrachloro-m-xylene	0.0425		"	0.0664		64.0	30-120				
Surrogate: Decachlorobiphenyl	0.0432		"	0.0664		65.0	30-120				
Matrix Spike (BD20264-MS2)		*Source sample: 22D0091-03 (Matrix Spike)					Prepared: 04/05/2022 Analyzed: 04/06/2022				
Aroclor 1016	0.272	0.0178	mg/kg dry	0.355	ND	76.5	40-140				
Aroclor 1260	0.321	0.0178	"	0.355	ND	90.3	40-140				
Surrogate: Tetrachloro-m-xylene	0.0501		"	0.0711		70.5	30-120				
Surrogate: Decachlorobiphenyl	0.0608		"	0.0711		85.5	30-120				
Matrix Spike Dup (BD20264-MSD2)		*Source sample: 22D0091-03 (Matrix Spike Dup)					Prepared: 04/05/2022 Analyzed: 04/06/2022				
Aroclor 1016	0.272	0.0178	mg/kg dry	0.355	ND	76.5	40-140		0.0523	50	
Aroclor 1260	0.319	0.0178	"	0.355	ND	89.8	40-140		0.555	50	
Surrogate: Tetrachloro-m-xylene	0.0501		"	0.0711		70.5	30-120				
Surrogate: Decachlorobiphenyl	0.0597		"	0.0711		84.0	30-120				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20349 - EPA 3550C

Blank (BD20349-BLK2)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0379		"	0.0664		57.0	30-120				
Surrogate: Decachlorobiphenyl	0.0405		"	0.0664		61.0	30-120				

LCS (BD20349-BS2)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Aroclor 1016	0.213	0.0166	mg/kg wet	0.332		64.0	40-130				
Aroclor 1260	0.214	0.0166	"	0.332		64.6	40-130				
Surrogate: Tetrachloro-m-xylene	0.0395		"	0.0664		59.5	30-120				
Surrogate: Decachlorobiphenyl	0.0379		"	0.0664		57.0	30-120				

Batch BD20521 - EPA 3550C

Blank (BD20521-BLK2)

Prepared: 04/08/2022 Analyzed: 04/10/2022

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0641		"	0.0664		96.5	30-120				
Surrogate: Decachlorobiphenyl	0.0787		"	0.0664		118	30-120				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20521 - EPA 3550C

LCS (BD20521-BS2)

Prepared: 04/08/2022 Analyzed: 04/10/2022

Aroclor 1016	0.288	0.0166	mg/kg wet	0.332		86.8	40-130				
Aroclor 1260	0.305	0.0166	"	0.332		91.8	40-130				
Surrogate: Tetrachloro-m-xylene	0.0625		"	0.0664		94.0	30-120				
Surrogate: Decachlorobiphenyl	0.0641		"	0.0664		96.5	30-120				

Matrix Spike (BD20521-MS2)

*Source sample: 22D0179-01 (Matrix Spike)

Prepared: 04/08/2022 Analyzed: 04/10/2022

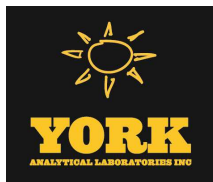
Aroclor 1016	0.260	0.0169	mg/kg dry	0.338	ND	77.0	40-140				
Aroclor 1260	0.283	0.0169	"	0.338	ND	83.8	40-140				
Surrogate: Tetrachloro-m-xylene	0.0591		"	0.0675		87.5	30-120				
Surrogate: Decachlorobiphenyl	0.0611		"	0.0675		90.5	30-120				

Matrix Spike Dup (BD20521-MSD2)

*Source sample: 22D0179-01 (Matrix Spike Dup)

Prepared: 04/08/2022 Analyzed: 04/10/2022

Aroclor 1016	0.273	0.0169	mg/kg dry	0.338	ND	80.9	40-140		4.94	50	
Aroclor 1260	0.316	0.0169	"	0.338	ND	93.5	40-140		10.9	50	
Surrogate: Tetrachloro-m-xylene	0.0611		"	0.0675		90.5	30-120				
Surrogate: Decachlorobiphenyl	0.0723		"	0.0675		107	30-120				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20296 - EPA 3050B

Blank (BD20296-BLK1)

Prepared: 04/05/2022 Analyzed: 04/06/2022

Aluminum	ND	5.00	mg/kg wet
Antimony	ND	2.50	"
Arsenic	ND	1.50	"
Barium	ND	2.50	"
Beryllium	ND	0.050	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.400	"
Copper	ND	2.00	"
Iron	ND	25.0	"
Lead	ND	0.500	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	1.00	"
Potassium	ND	5.00	"
Selenium	ND	2.50	"
Silver	ND	0.500	"
Sodium	ND	50.0	"
Thallium	ND	2.50	"
Vanadium	ND	1.00	"
Zinc	ND	2.50	"

Duplicate (BD20296-DUP1)

*Source sample: 22D0114-02 (Duplicate)

Prepared: 04/05/2022 Analyzed: 04/06/2022

Aluminum	1370	5.76	mg/kg dry	1420	3.05	35	
Antimony	ND	2.88	"	ND		35	
Arsenic	ND	1.73	"	ND		35	
Barium	13.9	2.88	"	21.4	42.9	35	Non-dir.
Beryllium	ND	0.058	"	ND		35	
Cadmium	ND	0.345	"	ND		35	
Calcium	486	5.76	"	734	40.7	35	Non-dir.
Chromium	4.20	0.576	"	5.69	30.0	35	
Cobalt	0.597	0.461	"	0.600	0.537	35	
Copper	39.9	2.30	"	87.6	74.9	35	Non-dir.
Iron	2030	28.8	"	1490	30.6	35	
Lead	1.90	0.576	"	3.62	62.2	35	Non-dir.
Magnesium	228	5.76	"	204	11.1	35	
Manganese	11.5	0.576	"	9.30	20.8	35	
Nickel	ND	1.15	"	ND		35	
Potassium	78.6	5.76	"	90.1	13.6	35	
Selenium	ND	2.88	"	ND		35	
Silver	ND	0.576	"	ND		35	
Sodium	72.5	57.6	"	91.6	23.2	35	
Thallium	ND	2.88	"	ND		35	
Vanadium	2.79	1.15	"	3.11	11.0	35	
Zinc	40.7	2.88	"	70.9	54.0	35	Non-dir.



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20296 - EPA 3050B

Matrix Spike (BD20296-MS1)		*Source sample: 22D0114-02 (Matrix Spike)					Prepared: 04/05/2022 Analyzed: 04/06/2022				
Aluminum	1820	5.76	mg/kg dry	230	1420	174	75-125	High Bias			
Antimony	32.1	2.88	"	28.8	ND	112	75-125				
Arsenic	217	1.73	"	230	ND	94.3	75-125				
Barium	266	2.88	"	230	21.4	106	75-125				
Beryllium	5.48	0.058	"	5.76	ND	95.2	75-125				
Cadmium	6.16	0.345	"	5.76	ND	107	75-125				
Calcium	958	5.76	"	115	734	195	75-125	High Bias			
Chromium	31.8	0.576	"	23.0	5.69	113	75-125				
Cobalt	63.4	0.461	"	57.6	0.600	109	75-125				
Copper	103	2.30	"	28.8	87.6	52.3	75-125	Low Bias			
Iron	26300	28.8	"	115	1490	NR	75-125	High Bias			
Lead	60.9	0.576	"	57.6	3.62	99.5	75-125				
Magnesium	347	5.76	"	115	204	124	75-125				
Manganese	109	0.576	"	57.6	9.30	173	75-125	High Bias			
Nickel	48.3	1.15	"	57.6	ND	83.9	75-125				
Potassium	240	5.76	"	115	90.1	130	75-125	High Bias			
Selenium	139	2.88	"	230	ND	60.1	75-125	Low Bias			
Silver	6.20	0.576	"	5.76	ND	108	75-125				
Sodium	250	57.6	"	115	91.6	138	75-125	High Bias			
Thallium	225	2.88	"	230	ND	97.6	75-125				
Vanadium	64.3	1.15	"	57.6	3.11	106	75-125				
Zinc	111	2.88	"	57.6	70.9	70.3	75-125	Low Bias			

Post Spike (BD20296-PS1)		*Source sample: 22D0114-02 (Post Spike)					Prepared: 04/05/2022 Analyzed: 04/06/2022				
Aluminum	14.4		ug/mL	2.00	12.3	105	75-125				
Antimony	0.292		"	0.250	0.018	110	75-125				
Arsenic	2.09		"	2.00	0.0005	104	75-125				
Barium	2.46		"	2.00	0.186	114	75-125				
Beryllium	0.053		"	0.0500	-0.001	106	75-125				
Cadmium	0.057		"	0.0500	0.001	112	75-125				
Calcium	7.54		"	1.00	6.37	117	75-125				
Chromium	0.266		"	0.200	0.049	108	75-125				
Cobalt	0.583		"	0.500	0.005	115	75-125				
Copper	1.03		"	0.250	0.761	108	75-125				
Iron	13.7		"	1.00	13.0	69.7	75-125	Low Bias			
Lead	0.616		"	0.500	0.031	117	75-125				
Magnesium	2.84		"	1.00	1.77	106	75-125				
Manganese	0.642		"	0.500	0.081	112	75-125				
Nickel	0.567		"	0.500	-0.021	113	75-125				
Potassium	1.84		"	1.00	0.782	106	75-125				
Selenium	1.74		"	2.00	-0.003	86.9	75-125				
Silver	0.035		"	0.0500	-0.001	69.2	75-125	Low Bias			
Sodium	2.01		"	1.00	0.795	122	75-125				
Thallium	2.13		"	2.00	-0.018	106	75-125				
Vanadium	0.590		"	0.500	0.027	113	75-125				
Zinc	1.07		"	0.500	0.615	90.2	75-125				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20296 - EPA 3050B

Reference (BD20296-SRM1)

Prepared: 04/05/2022 Analyzed: 04/06/2022

Aluminum	11300	5.00	mg/kg wet	10100		112	39.5-118.8				
Antimony	115	2.50	"	244		47.1	10-123				
Arsenic	123	1.50	"	109		112	63.7-118.3				
Barium	447	2.50	"	364		123	70.3-117	High Bias			
Beryllium	63.1	0.050	"	57.0		111	69.3-115.4				
Cadmium	54.5	0.300	"	48.7		112	67.8-112.9				
Calcium	5710	5.00	"	5190		110	66.3-116.6				
Chromium	205	0.500	"	173		118	65.3-120.8				
Cobalt	179	0.400	"	148		121	70.3-117.6	High Bias			
Copper	246	2.00	"	179		138	70.9-117.9	High Bias			
Iron	18600	25.0	"	15000		124	36.8-162.7				
Lead	124	0.500	"	101		123	69.1-126.7				
Magnesium	2870	5.00	"	2570		111	56.4-124.9				
Manganese	430	0.500	"	370		116	72.2-119.2				
Nickel	57.2	1.00	"	52.2		110	63.4-117.8				
Potassium	2460	5.00	"	2420		102	49.6-118.6				
Selenium	66.3	2.50	"	104		63.8	58.5-122.1				
Silver	34.4	0.500	"	29.9		115	63.5-123.7				
Sodium	176	50.0	"	161		109	30.1-139.1				
Thallium	104	2.50	"	101		103	59.8-120.8				
Vanadium	231	1.00	"	194		119	73.2-117	High Bias			
Zinc	467	2.50	"	431		108	74.9-121.1				



Mercury by EPA 7000/200 Series Methods - Quality Control Data

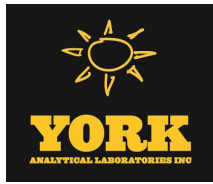
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD20505 - EPA 7473 soil											
Blank (BD20505-BLK1)								Prepared & Analyzed: 04/08/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BD20505-DUP1)								Prepared & Analyzed: 04/08/2022			
Mercury	0.395	0.0338	mg/kg dry		0.402				1.78	35	
Matrix Spike (BD20505-MS1)								Prepared & Analyzed: 04/08/2022			
Mercury	1.04		mg/kg	0.500	0.358	136	75-125	High Bias			
Reference (BD20505-SRM1)								Prepared & Analyzed: 04/08/2022			
Mercury	27.398		mg/kg	27.2		101	59.9-140.1				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20219 - Analysis Preparation Soil											
Blank (BD20219-BLK1)											
										Prepared & Analyzed: 04/05/2022	
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BD20219-DUP1)											
*Source sample: 22D0125-03 (Duplicate)										Prepared & Analyzed: 04/05/2022	
Cyanide, total	ND	0.511	mg/kg dry		ND					15	
Matrix Spike (BD20219-MS1)											
*Source sample: 22D0125-03 (Matrix Spike)										Prepared & Analyzed: 04/05/2022	
Cyanide, total	7.12	0.511	mg/kg dry	10.2	ND	69.7	79.6-107	Low Bias			
Reference (BD20219-SRM1)											
										Prepared & Analyzed: 04/05/2022	
Cyanide, total	72.8		ug/mL	86.8		83.9	41.82-157.83				
Batch BD20312 - Analysis Preparation Soil											
Blank (BD20312-BLK1)											
										Prepared & Analyzed: 04/06/2022	
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BD20312-DUP1)											
*Source sample: 22D0193-01 (Duplicate)										Prepared & Analyzed: 04/06/2022	
Cyanide, total	ND	0.530	mg/kg dry		ND					15	
Matrix Spike (BD20312-MS1)											
*Source sample: 22D0193-01 (Matrix Spike)										Prepared & Analyzed: 04/06/2022	
Cyanide, total	4.10	0.530	mg/kg dry	10.6	ND	38.7	79.6-107	Low Bias			
Reference (BD20312-SRM1)											
										Prepared & Analyzed: 04/06/2022	
Cyanide, total	80.1		ug/mL	86.8		92.2	41.82-157.83				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20448 - % Solids Prep

Duplicate (BD20448-DUP1)		*Source sample: 22D0098-02 (Duplicate)					Prepared & Analyzed: 04/07/2022				
% Solids	91.1	0.100	%		90.5				0.621	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D0075-01	SB-1A	40mL Vial with Stir Bar-Cool 4° C
22D0075-02	SB-1B	40mL Vial with Stir Bar-Cool 4° C
22D0075-03	SB-2A	40mL Vial with Stir Bar-Cool 4° C
22D0075-04	SB-2B	40mL Vial with Stir Bar-Cool 4° C
22D0075-05	SB-3A	40mL Vial with Stir Bar-Cool 4° C
22D0075-06	SB-3B	40mL Vial with Stir Bar-Cool 4° C
22D0075-07	SB-4A	40mL Vial with Stir Bar-Cool 4° C
22D0075-08	SB-4B	40mL Vial with Stir Bar-Cool 4° C
22D0075-09	SB-5A	40mL Vial with Stir Bar-Cool 4° C
22D0075-10	SB-5B	40mL Vial with Stir Bar-Cool 4° C
22D0075-11	SB-5B Dup	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
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.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis



- Low Bias** Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias** High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir.** Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.
220075

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675 Page 1 of 2

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: DT Consulting Services Inc.	Address: Same	Company: Same	Address: Same	Company: Same	Address: Same	356060		RUSH - Next Day	
Phone: Deborah Thompson	Phone: Same	Company: Same	Address: Same	Company: Same	Address: Same	YOUR Project Name 605 Albany Avenue Kingston, New York		RUSH - Two Day	
Contact: Deborah Thompson	Contact: Same	Company: Same	Address: Same	Company: Same	Address: Same	YOUR PO#:		RUSH - Three Day	
E-mail: Deborah Thompson	E-mail: Same	Company: Same	Address: Same	Company: Same	Address: Same	YOUR Project Name 605 Albany Avenue Kingston, New York		RUSH - Four Day	
								Standard (5-7 Day)	

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

Deborah Thompson
Deborah Thompson
Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York	Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	
DW - drinking water	Connecticut	NY ASP A Package	
WW - wastewater	Pennsylvania	NY ASP B Package	
O - Oil	Other:		

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-1A	S	4/1/22 10:29 AM	VOCs, SVOCs, TAL Metals,	(1) 8oz (1) 4oz
SB-1B		10:44 AM	Pesticides, PCBs, PFAS,	(4) 40ml
SB-2A		11:20 AM	apoxide, 1-4 dioxane.	(1) 250ml
SB-2B		11:47 AM		
SB-3A		12:02 PM		
SB-3B		12:52 PM		
SB-4A		1:20 PM		
SB-4B		2:42 PM		
SB-5A		4:00 PM		
SB-5B		4:11 PM		

Comments:

Preservation: (check all that apply)
HCl MeOH HNO3 H2SO4 NaOH
ZnAc Ascorbic Acid Other:

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company
Deborah Thompson 4/4/22 8am
Date/Time: 4-4-22 8am

2. Samples Relinquished by / Company
Chic York 4-4-22 15:27
Date/Time: 4-4-22 15:27

3. Samples Relinquished by / Company
Chic York 4-4-22 15:27
Date/Time: 4-4-22 15:27

4. Samples Relinquished by / Company
Chic York 4-4-22 15:27
Date/Time: 4-4-22 15:27

Field Chain-of-Custody Record

YORK Project No.

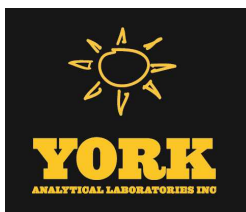
22D0075

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

Page 2 of 2

[illegible]

APPENDIX C
GROUNDWATER LABORATORY ANALYTICAL REPORT



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/11/2022

Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0074

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: 04/11/2022
Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0074

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2022 and listed below. The project was identified as your project: **356060 65 Albany Avenue Kingston, New York**.

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>
22D0074-01	MW-1	Water	04/01/2022	04/04/2022
22D0074-02	MW-2	Water	04/01/2022	04/04/2022
22D0074-03	MW-2 Dup	Water	04/01/2022	04/04/2022
22D0074-04	MW-3	Water	04/01/2022	04/04/2022
22D0074-05	MW-4	Water	04/01/2022	04/04/2022
22D0074-06	Field Blank	Water	04/01/2022	04/04/2022
22D0074-07	Trip Blank	Water	04/01/2022	04/04/2022

General Notes for York Project (SDG) No.: 22D0074

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: 

Date: 04/11/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 02:32	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 02:32	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 02:32	PD



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 02:32	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 02:32	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 02:32	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 02:32	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 02:32	PD



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 02:32	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 02:32	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 02:32	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 15:40	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	30.8 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	19.9 %	10.1-41.7								



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.1 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.7 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	82.6 %			30.7-106						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.18	B	ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:13	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:13	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 14:41	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	72.0 %		36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	2.40		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	1.97		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	5.47		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	2.05		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

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Matrix

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDaA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	4.55		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	2.85		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.42		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:30	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	69.9 %	25-150
Surrogate: M5PFHxA	73.9 %	25-150
Surrogate: M4PFHpA	84.0 %	25-150
Surrogate: M3PFHxS	80.6 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	69.6 %	25-150
Surrogate: M6PFDA	88.5 %	25-150
Surrogate: M7PFUdA	71.8 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	55.9 %	25-150
Surrogate: M2PFTeDA	59.0 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	74.5 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	72.4 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	83.7 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.05 %	10-150

PFSu-L



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	64.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	64.7 %			25-150					
	Surrogate: M2-6:2 FTS	95.3 %			25-200					
	Surrogate: M2-8:2 FTS	84.4 %			25-200					
	Surrogate: M9PFNA	70.4 %			25-150					

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:25	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	04/06/2022 17:34	04/10/2022 06:25	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	97.0 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	101 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 14:56	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/06/2022 17:34	04/07/2022 14:56	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	92.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	80.5 %		30-120						

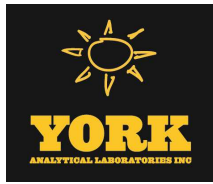
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.08		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-70-2	Calcium	6.99		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7439-89-6	Iron	1.31		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7439-95-4	Magnesium	0.526		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7439-96-5	Manganese	0.0566		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-09-7	Potassium	0.779		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-23-5	Sodium	147		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:32	KT

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 14:54	RTH
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 14:54	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 14:54	RTH



Sample Information

Client Sample ID: MW-1

York Sample ID: 22D0074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 2:45 pm

04/04/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 14:54	RTH
7782-49-2	Selenium	1.94	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 14:54	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 14:54	RTH

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:25	04/05/2022 18:25	AA

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:52	04/05/2022 18:57	LRW

Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/09/2022 03:01	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:01	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:01	PD



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:01	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:01	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:01	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:01	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:01	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:01	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:01	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:01	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:12	KH



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48	04/08/2022 16:12	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:12	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	29.9 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	16.8 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.2 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.4 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	68.9 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.1 %	30.7-106								



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.830	B	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/08/2022 23:45	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 23:45	KH



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 15:15	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	116 %		36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.52		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	5.35		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	1.99		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	2.82		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	6.33		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	11.2		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	10.2		ng/L	1.85	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:43	WL
Surrogate Recoveries		Result		Acceptance Range						
Surrogate: M3PFBS		81.0 %		25-150						
Surrogate: M5PFHxA		90.2 %		25-150						
Surrogate: M4PFHpA		104 %		25-150						
Surrogate: M3PFHxS		90.8 %		25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		84.1 %		25-150						
Surrogate: M6PFDA		105 %		25-150						
Surrogate: M7PFUDA		82.3 %		25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		74.8 %		25-150						
Surrogate: M2PFTeDA		80.2 %		10-150						
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		79.4 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		84.1 %		25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		98.1 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		4.73 %	PFSu-L	10-150						
Surrogate: d3-N-MeFOSAA		73.7 %		25-150						
Surrogate: d5-N-EtFOSAA		79.4 %		25-150						
Surrogate: M2-6:2 FTS		75.6 %		25-200						
Surrogate: M2-8:2 FTS		84.7 %		25-200						
Surrogate: M9PFNA		85.1 %		25-150						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

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04/04/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

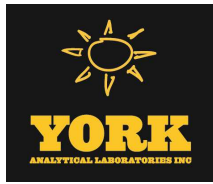
Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:42	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	04/06/2022 17:34	04/10/2022 06:42	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	120 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:10	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/06/2022 17:34	04/07/2022 15:10	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-120							

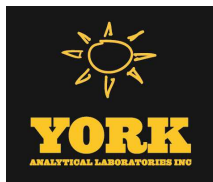
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2.94		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-39-3	Barium	0.147		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-70-2	Calcium	156		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7439-89-6	Iron	3.65		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7439-95-4	Magnesium	6.36		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7439-96-5	Manganese	0.195		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-09-7	Potassium	3.46		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-23-5	Sodium	171		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:35	KT

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	10.6		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:01	RTH
7440-38-2	Arsenic	1.66		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:01	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:01	RTH
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:01	RTH
7782-49-2	Selenium	2.49	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:01	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:01	RTH

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:25	04/05/2022 18:25	AA

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:52	04/05/2022 18:57	LRW



Sample Information

Client Sample ID: MW-2

York Sample ID: 22D0074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

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04/04/2022

Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/09/2022 03:29	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/09/2022 03:29	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/09/2022 03:29	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:29	PD



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:29	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:29	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:29	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:29	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:29	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	69-130								



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 16:43	KH



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 16:43	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	32.4 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	18.0 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.9 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.4 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.0 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.6 %			30.7-106						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.840	B	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:18	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:18	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 15:32	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.53		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	5.08		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	1.94		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL



Sample Information

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	2.98		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	4.84		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	11.0		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	9.32		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 16:56	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		79.9 %	25-150							
Surrogate: M5PFHxA		94.3 %	25-150							
Surrogate: M4PFHpA		97.7 %	25-150							
Surrogate: M3PFHxS		95.9 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		78.4 %	25-150							
Surrogate: M6PFDA		104 %	25-150							



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	83.8 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	76.1 %			25-150					
	Surrogate: M2PFTeDA	86.3 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	74.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	92.5 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	96.4 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	1.88 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	74.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	69.0 %			25-150					
	Surrogate: M2-6:2 FTS	78.1 %			25-200					
	Surrogate: M2-8:2 FTS	72.6 %			25-200					
	Surrogate: M9PFNA	92.2 %			25-150					

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 06:59	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B Certifications:	04/06/2022 17:34	04/10/2022 06:59	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	110 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	109 %	30-150							

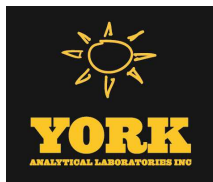
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:24	BJ



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	04/06/2022 17:34	04/07/2022 15:24	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	100 %		30-120						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.220		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-39-3	Barium	0.116		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-70-2	Calcium	136		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7439-89-6	Iron	0.412		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7439-95-4	Magnesium	5.25		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7439-96-5	Manganese	0.0318		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-09-7	Potassium	2.49		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-23-5	Sodium	155		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:38	KT



Sample Information

Client Sample ID: MW-2 Dup

York Sample ID: 22D0074-03

York Project (SDG) No.

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Matrix

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 11:45 am

04/04/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	13.1		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:04	RTH
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:04	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:04	RTH
7440-43-9	Cadmium	0.838		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:04	RTH
7782-49-2	Selenium	1.78	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:04	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:04	RTH

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:25	04/05/2022 18:25	AA

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2014 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:52	04/05/2022 18:57	LRW

Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/09/2022 03:58	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:58	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

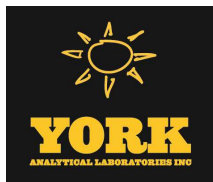
Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 03:58	PD



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:58	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:58	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:58	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:58	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:58	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
127-18-4	Tetrachloroethylene	1.77		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 03:58	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 03:58	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 03:58	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								

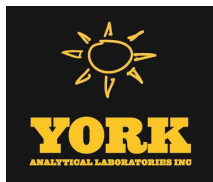
Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:14	KH



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:14	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	22.1 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	14.4 %	10.1-41.7								



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.2 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	54.2 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	63.0 %			30.7-106						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.02	B	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 00:51	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 00:51	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 15:49	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	92.0 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	4.81		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	2.19		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	6.99		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	16.8		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDaA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	8.59		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	4.25		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	4.46		ng/L	1.92	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:22	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		79.7 %	25-150							
Surrogate: M5PFHxA		82.5 %	25-150							
Surrogate: M4PFHpA		93.9 %	25-150							
Surrogate: M3PFHxS		88.7 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		80.5 %	25-150							
Surrogate: M6PFDA		85.7 %	25-150							
Surrogate: M7PFUdA		60.3 %	25-150							
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		41.2 %	25-150							
Surrogate: M2PFTeDA		55.6 %	10-150							
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		87.8 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		82.4 %	25-150							
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		89.9 %	25-150							
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		0.391 %	PFSu-L	10-150						



Sample Information

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	52.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	45.1 %			25-150					
	Surrogate: M2-6:2 FTS	126 %			25-200					
	Surrogate: M2-8:2 FTS	144 %			25-200					
	Surrogate: M9PFNA	74.8 %			25-150					

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:15	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	04/06/2022 17:34	04/10/2022 07:15	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	101 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	98.8 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:37	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/06/2022 17:34	04/07/2022 15:37	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %								
2051-24-3	Surrogate: Decachlorobiphenyl	94.5 %								

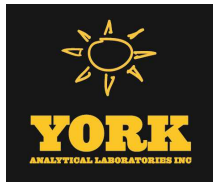
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-39-3	Barium	0.0587		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-70-2	Calcium	57.7		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7439-95-4	Magnesium	2.77		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-09-7	Potassium	2.34		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-23-5	Sodium	288		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:40	KT

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	39.0		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:07	RTH
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:07	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:07	RTH



Sample Information

Client Sample ID: MW-3

York Sample ID: 22D0074-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 10:00 am

04/04/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:07	RTH
7782-49-2	Selenium	1.89	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:07	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:07	RTH

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:25	04/05/2022 18:25	AA

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:52	04/05/2022 18:57	LRW

Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 04:26	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 04:26	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
67-66-3	Chloroform	1.16		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 04:26	PD



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 04:26	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 04:26	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 04:26	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 04:26	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 04:26	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
127-18-4	Tetrachloroethylene	7.56		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 04:26	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 04:26	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 04:26	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48 NELAC-NY10854,NJDEP,PADEP	04/08/2022 17:45	KH



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/07/2022 11:48	04/08/2022 17:45	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/08/2022 17:45	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	21.7 %	19.7-63.1								
4165-62-2	Surrogate: SURR: Phenol-d5	12.5 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.3 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	48.0 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	50.4 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	52.5 %	30.7-106								



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.18	B	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/07/2022 11:48	04/09/2022 01:24	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 11:48	04/09/2022 01:24	KH



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 16:06	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	76.0 %		36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	8.48		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	27.5		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	11.6		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	2.19		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	20.1		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	75.1		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	12.7		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	13.5		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	30.6		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	5.65		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.73	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	11.8		ng/L	1.89	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:35	WL
Surrogate Recoveries		Result		Acceptance Range						
Surrogate: M3PFBS		82.8 %		25-150						
Surrogate: M5PFHxA		95.1 %		25-150						
Surrogate: M4PFHpA		102 %		25-150						
Surrogate: M3PFHxS		101 %		25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		84.6 %		25-150						
Surrogate: M6PFDA		102 %		25-150						
Surrogate: M7PFUDA		80.8 %		25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		71.0 %		25-150						
Surrogate: M2PFTeDA		93.4 %		10-150						
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		53.2 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		86.5 %		25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		99.4 %		25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		2.21 %	PFSu-L	10-150						
Surrogate: d3-N-MeFOSAA		74.8 %		25-150						
Surrogate: d5-N-EtFOSAA		68.3 %		25-150						
Surrogate: M2-6:2 FTS		157 %		25-200						
Surrogate: M2-8:2 FTS		103 %		25-200						
Surrogate: M9PFNA		84.4 %		25-150						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM



Sample Information

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22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

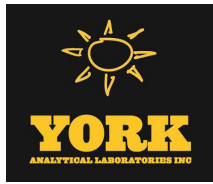
Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 17:34	04/10/2022 07:32	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	04/06/2022 17:34	04/10/2022 07:32	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	119 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	122 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/06/2022 17:34	04/07/2022 15:51	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/06/2022 17:34	04/07/2022 15:51	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	116 %								
2051-24-3	Surrogate: Decachlorobiphenyl	122 %	S-GC							

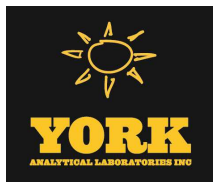
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.230		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-39-3	Barium	0.150		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-70-2	Calcium	123		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7439-89-6	Iron	0.376		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7439-95-4	Magnesium	11.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7439-96-5	Manganese	0.0204		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-09-7	Potassium	20.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-23-5	Sodium	1810		mg/L	5.56	10	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/08/2022 13:59	KT
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:23	04/07/2022 19:43	KT

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:10	RTH
7440-38-2	Arsenic	2.04		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:10	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:10	RTH
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:10	RTH
7782-49-2	Selenium	4.98	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:10	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 13:27	04/11/2022 15:10	RTH

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2022 18:25	04/05/2022 18:25	AA

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/05/2022 13:52	04/05/2022 18:57	LRW



Sample Information

Client Sample ID: MW-4

York Sample ID: 22D0074-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:45 pm

04/04/2022

Sample Information

Client Sample ID: Field Blank

York Sample ID: 22D0074-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 4:00 pm

04/04/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/06/2022 07:47	04/07/2022 16:24	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	84.0 %		36.6-118						

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL



Sample Information

Client Sample ID: Field Blank

York Sample ID: 22D0074-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 4:00 pm

04/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.79	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	2.72	1	EPA 537m Certifications:	04/06/2022 11:16	04/08/2022 17:48	WL

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	81.9 %	25-150
Surrogate: M5PFHxA	97.8 %	25-150
Surrogate: M4PFHpA	112 %	25-150
Surrogate: M3PFHxS	95.0 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	88.2 %	25-150
Surrogate: M6PFDA	111 %	25-150
Surrogate: M7PFUDA	100 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	89.6 %	25-150
Surrogate: M2PFTeDA	121 %	10-150
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	113 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	84.7 %	25-150
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	108 %	25-150
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7 %	10-150
Surrogate: d3-N-MeFOSAA	84.4 %	25-150
Surrogate: d5-N-EtFOSAA	81.4 %	25-150
Surrogate: M2-6:2 FTS	75.9 %	25-200
Surrogate: M2-8:2 FTS	86.9 %	25-200
Surrogate: M9PFNA	91.7 %	25-150



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0074-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:00 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 01:36	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 01:36	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0074-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:00 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0074-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:00 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 01:36	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 01:36	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/08/2022 12:30	04/09/2022 01:36	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 01:36	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 01:36	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/08/2022 12:30	04/09/2022 01:36	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0074-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0074

356060 65 Albany Avenue Kingston, New York

Water

April 1, 2022 3:00 pm

04/04/2022

Volatile Organics, 8260 - Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30	04/09/2022 01:36	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/09/2022 01:36	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/08/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/09/2022 01:36	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.5 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	79-122								



Analytical Batch Summary

Batch ID: BD20265 **Preparation Method:** Analysis Preparation **Prepared By:** LRW

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/05/22
22D0074-02	MW-2	04/05/22
22D0074-03	MW-2 Dup	04/05/22
22D0074-04	MW-3	04/05/22
22D0074-05	MW-4	04/05/22
BD20265-BLK1	Blank	04/05/22
BD20265-BS1	LCS	04/05/22
BD20265-DUP1	Duplicate	04/05/22
BD20265-MS1	Matrix Spike	04/05/22

Batch ID: BD20298 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/05/22
22D0074-02	MW-2	04/05/22
22D0074-03	MW-2 Dup	04/05/22
22D0074-04	MW-3	04/05/22
22D0074-05	MW-4	04/05/22
BD20298-BLK1	Blank	04/05/22
BD20298-BS1	LCS	04/05/22
BD20298-DUP1	Duplicate	04/05/22
BD20298-MS1	Matrix Spike	04/05/22

Batch ID: BD20308 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/06/22
22D0074-02	MW-2	04/06/22
22D0074-03	MW-2 Dup	04/06/22
22D0074-04	MW-3	04/06/22
22D0074-05	MW-4	04/06/22
22D0074-06	Field Blank	04/06/22
BD20308-BLK1	Blank	04/06/22
BD20308-BS1	LCS	04/06/22
BD20308-MS1	Matrix Spike	04/06/22
BD20308-MSD1	Matrix Spike Dup	04/06/22

Batch ID: BD20335 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/06/22
22D0074-02	MW-2	04/06/22
22D0074-03	MW-2 Dup	04/06/22
22D0074-04	MW-3	04/06/22



22D0074-05	MW-4	04/06/22
22D0074-06	Field Blank	04/06/22
BD20335-BLK1	Blank	04/06/22
BD20335-BS1	LCS	04/06/22
BD20335-BSD1	LCS Dup	04/06/22

Batch ID: BD20381 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/06/22
22D0074-01	MW-1	04/06/22
22D0074-02	MW-2	04/06/22
22D0074-02	MW-2	04/06/22
22D0074-03	MW-2 Dup	04/06/22
22D0074-03	MW-2 Dup	04/06/22
22D0074-04	MW-3	04/06/22
22D0074-04	MW-3	04/06/22
22D0074-05	MW-4	04/06/22
22D0074-05	MW-4	04/06/22
BD20381-BLK1	Blank	04/06/22
BD20381-BLK2	Blank	04/06/22
BD20381-BS1	LCS	04/06/22
BD20381-BS2	LCS	04/06/22
BD20381-BSD1	LCS Dup	04/06/22
BD20381-BSD2	LCS Dup	04/06/22

Batch ID: BD20431 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/07/22
22D0074-02	MW-2	04/07/22
22D0074-03	MW-2 Dup	04/07/22
22D0074-04	MW-3	04/07/22
22D0074-05	MW-4	04/07/22
BD20431-BLK1	Blank	04/07/22
BD20431-BLK2	Blank	04/07/22
BD20431-BS1	LCS	04/07/22
BD20431-BS2	LCS	04/07/22
BD20431-BSD1	LCS Dup	04/07/22

Batch ID: BD20437 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/07/22
22D0074-02	MW-2	04/07/22
22D0074-03	MW-2 Dup	04/07/22
22D0074-04	MW-3	04/07/22
22D0074-05	MW-4	04/07/22
22D0074-05RE1	MW-4	04/07/22
BD20437-BLK1	Blank	04/07/22



BD20437-BS1	LCS	04/07/22
BD20437-DUP1	Duplicate	04/07/22
BD20437-MS1	Matrix Spike	04/07/22
BD20437-PS1	Post Spike	04/07/22

Batch ID: BD20438 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/07/22
22D0074-02	MW-2	04/07/22
22D0074-03	MW-2 Dup	04/07/22
22D0074-04	MW-3	04/07/22
22D0074-05	MW-4	04/07/22
BD20438-BLK1	Blank	04/07/22
BD20438-BS1	LCS	04/07/22
BD20438-DUP1	Duplicate	04/07/22
BD20438-MS1	Matrix Spike	04/07/22

Batch ID: BD20533 **Preparation Method:** EPA 5030B **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22D0074-01	MW-1	04/08/22
22D0074-02	MW-2	04/08/22
22D0074-03	MW-2 Dup	04/08/22
22D0074-04	MW-3	04/08/22
22D0074-05	MW-4	04/08/22
22D0074-07	Trip Blank	04/08/22
BD20533-BLK1	Blank	04/08/22
BD20533-BS1	LCS	04/08/22
BD20533-BSD1	LCS Dup	04/08/22



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20533 - EPA 5030B

Blank (BD20533-BLK1)

Prepared: 04/08/2022 Analyzed: 04/09/2022

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4,5-Tetramethylbenzene	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2,2-Dichloropropane	ND	0.500	"
2-Butanone	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20533 - EPA 5030B

Blank (BD20533-BLK1)

Prepared: 04/08/2022 Analyzed: 04/09/2022

Dichlorodifluoromethane	ND	0.500	ug/L								
Diisopropyl ether (DIPE)	ND	0.800	"								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: SURR: Toluene-d8	9.78		"	10.0		97.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20533 - EPA 5030B											
LCS (BD20533-BS1)						Prepared & Analyzed: 04/08/2022					
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82-126				
1,1,1-Trichloroethane	9.76		"	10.0		97.6	78-136				
1,1,2,2-Tetrachloroethane	9.41		"	10.0		94.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	8.97		"	10.0		89.7	82-123				
1,1-Dichloroethane	9.76		"	10.0		97.6	82-129				
1,1-Dichloroethylene	10.0		"	10.0		100	68-138				
1,1-Dichloropropylene	9.37		"	10.0		93.7	83-133				
1,2,3-Trichlorobenzene	8.15		"	10.0		81.5	76-136				
1,2,3-Trichloropropane	9.26		"	10.0		92.6	77-128				
1,2,4,5-Tetramethylbenzene	8.36		"	10.0		83.6	85-140	Low Bias			
1,2,4-Trichlorobenzene	7.96		"	10.0		79.6	76-137				
1,2,4-Trimethylbenzene	8.88		"	10.0		88.8	82-132				
1,2-Dibromo-3-chloropropane	8.85		"	10.0		88.5	45-147				
1,2-Dibromoethane	8.99		"	10.0		89.9	83-124				
1,2-Dichlorobenzene	8.69		"	10.0		86.9	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-132				
1,2-Dichloropropane	9.33		"	10.0		93.3	78-126				
1,3,5-Trimethylbenzene	8.81		"	10.0		88.1	80-131				
1,3-Dichlorobenzene	8.67		"	10.0		86.7	86-122				
1,3-Dichloropropane	9.10		"	10.0		91.0	81-125				
1,4-Dichlorobenzene	8.70		"	10.0		87.0	85-124				
1,4-Dioxane	162		"	210		77.0	10-349				
2,2-Dichloropropane	8.91		"	10.0		89.1	56-150				
2-Butanone	9.69		"	10.0		96.9	49-152				
2-Chlorotoluene	9.12		"	10.0		91.2	79-130				
2-Hexanone	8.28		"	10.0		82.8	51-146				
4-Chlorotoluene	9.03		"	10.0		90.3	79-128				
4-Methyl-2-pentanone	9.06		"	10.0		90.6	57-145				
Acetone	6.55		"	10.0		65.5	14-150				
Acrolein	14.2		"	10.0		142	10-153				
Acrylonitrile	9.19		"	10.0		91.9	51-150				
Benzene	9.90		"	10.0		99.0	85-126				
Bromobenzene	8.75		"	10.0		87.5	78-129				
Bromochloromethane	9.50		"	10.0		95.0	77-128				
Bromodichloromethane	9.08		"	10.0		90.8	79-128				
Bromoform	8.72		"	10.0		87.2	78-133				
Bromomethane	3.41		"	10.0		34.1	43-168	Low Bias			
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	9.69		"	10.0		96.9	88-120				
Chloroethane	9.78		"	10.0		97.8	65-136				
Chloroform	9.74		"	10.0		97.4	82-128				
Chloromethane	7.71		"	10.0		77.1	43-155				
cis-1,2-Dichloroethylene	9.48		"	10.0		94.8	83-129				
cis-1,3-Dichloropropylene	8.84		"	10.0		88.4	80-131				
Cyclohexane	9.19		"	10.0		91.9	63-149				
Dibromochloromethane	8.79		"	10.0		87.9	80-130				
Dibromomethane	9.20		"	10.0		92.0	72-134				
Dichlorodifluoromethane	7.62		"	10.0		76.2	44-144				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20533 - EPA 5030B

LCS (BD20533-BS1)

Prepared & Analyzed: 04/08/2022

Diisopropyl ether (DIPE)	9.28		ug/L	10.0		92.8	70-130				
Ethyl Benzene	9.40		"	10.0		94.0	80-131				
Ethyl tert-butyl ether (ETBE)	9.10		"	10.0		91.0	70-130				
Hexachlorobutadiene	7.37		"	10.0		73.7	67-146				
Iodomethane	1.19		"	10.0		11.9	70-130	Low Bias			
Isopropylbenzene	9.18		"	10.0		91.8	76-140				
Methyl acetate	8.24		"	10.0		82.4	51-139				
Methyl Methacrylate	8.91		"	10.0		89.1	72-132				
Methyl tert-butyl ether (MTBE)	9.65		"	10.0		96.5	76-135				
Methyleyclohexane	8.55		"	10.0		85.5	72-143				
Methylene chloride	8.66		"	10.0		86.6	55-137				
Naphthalene	8.49		"	10.0		84.9	70-147				
n-Butylbenzene	8.51		"	10.0		85.1	79-132				
n-Propylbenzene	8.98		"	10.0		89.8	78-133				
o-Xylene	9.42		"	10.0		94.2	78-130				
p- & m- Xylenes	19.4		"	20.0		97.0	77-133				
p-Diethylbenzene	8.50		"	10.0		85.0	84-134				
p-Ethyltoluene	9.16		"	10.0		91.6	88-129				
p-Isopropyltoluene	8.73		"	10.0		87.3	81-136				
sec-Butylbenzene	8.78		"	10.0		87.8	79-137				
Styrene	8.61		"	10.0		86.1	67-132				
tert-Amyl alcohol (TAA)	99.0		"	100		99.0	70-130				
tert-Amyl methyl ether (TAME)	9.52		"	10.0		95.2	70-130				
tert-Butyl alcohol (TBA)	48.1		"	50.0		96.2	25-162				
tert-Butylbenzene	8.82		"	10.0		88.2	77-138				
Tetrachloroethylene	5.37		"	10.0		53.7	82-131	Low Bias			
Tetrahydrofuran	8.52		"	10.0		85.2	36-166				
Toluene	9.31		"	10.0		93.1	80-127				
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	80-132				
trans-1,3-Dichloropropylene	8.67		"	10.0		86.7	78-131				
trans-1,4-dichloro-2-butene	8.99		"	10.0		89.9	63-141				
Trichloroethylene	8.79		"	10.0		87.9	82-128				
Trichlorofluoromethane	9.52		"	10.0		95.2	67-139				
Vinyl acetate	9.25		"	10.0		92.5	21-90	High Bias			
Vinyl Chloride	9.49		"	10.0		94.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	9.83		"	10.0		98.3	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20533 - EPA 5030B											
LCS Dup (BD20533-BSD1)						Prepared: 04/08/2022 Analyzed: 04/09/2022					
1,1,1,2-Tetrachloroethane	8.71		ug/L	10.0		87.1	82-126		2.16	30	
1,1,1-Trichloroethane	9.60		"	10.0		96.0	78-136		1.65	30	
1,1,2,2-Tetrachloroethane	9.28		"	10.0		92.8	76-129		1.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165		4.16	30	
1,1,2-Trichloroethane	8.77		"	10.0		87.7	82-123		2.25	30	
1,1-Dichloroethane	9.51		"	10.0		95.1	82-129		2.59	30	
1,1-Dichloroethylene	9.72		"	10.0		97.2	68-138		3.34	30	
1,1-Dichloropropylene	9.11		"	10.0		91.1	83-133		2.81	30	
1,2,3-Trichlorobenzene	7.70		"	10.0		77.0	76-136		5.68	30	
1,2,3-Trichloropropane	9.04		"	10.0		90.4	77-128		2.40	30	
1,2,4,5-Tetramethylbenzene	8.13		"	10.0		81.3	85-140	Low Bias	2.79	30	
1,2,4-Trichlorobenzene	7.69		"	10.0		76.9	76-137		3.45	30	
1,2,4-Trimethylbenzene	8.60		"	10.0		86.0	82-132		3.20	30	
1,2-Dibromo-3-chloropropane	8.69		"	10.0		86.9	45-147		1.82	30	
1,2-Dibromoethane	8.97		"	10.0		89.7	83-124		0.223	30	
1,2-Dichlorobenzene	8.49		"	10.0		84.9	79-123		2.33	30	
1,2-Dichloroethane	9.87		"	10.0		98.7	73-132		2.30	30	
1,2-Dichloropropane	9.18		"	10.0		91.8	78-126		1.62	30	
1,3,5-Trimethylbenzene	8.53		"	10.0		85.3	80-131		3.23	30	
1,3-Dichlorobenzene	8.50		"	10.0		85.0	86-122	Low Bias	1.98	30	
1,3-Dichloropropane	8.98		"	10.0		89.8	81-125		1.33	30	
1,4-Dichlorobenzene	8.50		"	10.0		85.0	85-124		2.33	30	
1,4-Dioxane	158		"	210		75.1	10-349		2.48	30	
2,2-Dichloropropane	8.60		"	10.0		86.0	56-150		3.54	30	
2-Butanone	9.56		"	10.0		95.6	49-152		1.35	30	
2-Chlorotoluene	8.91		"	10.0		89.1	79-130		2.33	30	
2-Hexanone	8.23		"	10.0		82.3	51-146		0.606	30	
4-Chlorotoluene	8.78		"	10.0		87.8	79-128		2.81	30	
4-Methyl-2-pentanone	8.92		"	10.0		89.2	57-145		1.56	30	
Acetone	6.52		"	10.0		65.2	14-150		0.459	30	
Acrolein	13.8		"	10.0		138	10-153		3.28	30	
Acrylonitrile	9.60		"	10.0		96.0	51-150		4.36	30	
Benzene	9.64		"	10.0		96.4	85-126		2.66	30	
Bromobenzene	8.57		"	10.0		85.7	78-129		2.08	30	
Bromochloromethane	9.48		"	10.0		94.8	77-128		0.211	30	
Bromodichloromethane	8.88		"	10.0		88.8	79-128		2.23	30	
Bromoform	8.59		"	10.0		85.9	78-133		1.50	30	
Bromomethane	3.84		"	10.0		38.4	43-168	Low Bias	11.9	30	
Carbon disulfide	9.81		"	10.0		98.1	68-146		2.02	30	
Carbon tetrachloride	9.68		"	10.0		96.8	77-141		3.25	30	
Chlorobenzene	9.55		"	10.0		95.5	88-120		1.46	30	
Chloroethane	9.58		"	10.0		95.8	65-136		2.07	30	
Chloroform	9.51		"	10.0		95.1	82-128		2.39	30	
Chloromethane	7.43		"	10.0		74.3	43-155		3.70	30	
cis-1,2-Dichloroethylene	9.33		"	10.0		93.3	83-129		1.59	30	
cis-1,3-Dichloropropylene	8.69		"	10.0		86.9	80-131		1.71	30	
Cyclohexane	8.98		"	10.0		89.8	63-149		2.31	30	
Dibromochloromethane	8.65		"	10.0		86.5	80-130		1.61	30	
Dibromomethane	9.05		"	10.0		90.5	72-134		1.64	30	
Dichlorodifluoromethane	6.87		"	10.0		68.7	44-144		10.4	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20533 - EPA 5030B											
LCS Dup (BD20533-BSD1)						Prepared: 04/08/2022 Analyzed: 04/09/2022					
Diisopropyl ether (DIPE)	9.12		ug/L	10.0		91.2	70-130		1.74	30	
Ethyl Benzene	9.28		"	10.0		92.8	80-131		1.28	30	
Ethyl tert-butyl ether (ETBE)	8.88		"	10.0		88.8	70-130		2.45	30	
Hexachlorobutadiene	7.23		"	10.0		72.3	67-146		1.92	30	
Iodomethane	1.18		"	10.0		11.8	70-130	Low Bias	0.844	30	
Isopropylbenzene	8.96		"	10.0		89.6	76-140		2.43	30	
Methyl acetate	8.10		"	10.0		81.0	51-139		1.71	30	
Methyl Methacrylate	8.86		"	10.0		88.6	72-132		0.563	30	
Methyl tert-butyl ether (MTBE)	9.49		"	10.0		94.9	76-135		1.67	30	
Methylcyclohexane	8.35		"	10.0		83.5	72-143		2.37	30	
Methylene chloride	8.29		"	10.0		82.9	55-137		4.37	30	
Naphthalene	8.27		"	10.0		82.7	70-147		2.63	30	
n-Butylbenzene	8.17		"	10.0		81.7	79-132		4.08	30	
n-Propylbenzene	8.72		"	10.0		87.2	78-133		2.94	30	
o-Xylene	9.30		"	10.0		93.0	78-130		1.28	30	
p- & m- Xylenes	19.1		"	20.0		95.3	77-133		1.72	30	
p-Diethylbenzene	8.26		"	10.0		82.6	84-134	Low Bias	2.86	30	
p-Ethyltoluene	8.95		"	10.0		89.5	88-129		2.32	30	
p-Isopropyltoluene	8.46		"	10.0		84.6	81-136		3.14	30	
sec-Butylbenzene	8.48		"	10.0		84.8	79-137		3.48	30	
Styrene	8.48		"	10.0		84.8	67-132		1.52	30	
tert-Amyl alcohol (TAA)	96.6		"	100		96.6	70-130		2.40	30	
tert-Amyl methyl ether (TAME)	9.26		"	10.0		92.6	70-130		2.77	30	
tert-Butyl alcohol (TBA)	47.4		"	50.0		94.7	25-162		1.57	30	
tert-Butylbenzene	8.62		"	10.0		86.2	77-138		2.29	30	
Tetrachloroethylene	5.23		"	10.0		52.3	82-131	Low Bias	2.64	30	
Tetrahydrofuran	8.50		"	10.0		85.0	36-166		0.235	30	
Toluene	9.15		"	10.0		91.5	80-127		1.73	30	
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132		2.45	30	
trans-1,3-Dichloropropylene	8.59		"	10.0		85.9	78-131		0.927	30	
trans-1,4-dichloro-2-butene	8.88		"	10.0		88.8	63-141		1.23	30	
Trichloroethylene	8.81		"	10.0		88.1	82-128		0.227	30	
Trichlorofluoromethane	9.24		"	10.0		92.4	67-139		2.99	30	
Vinyl acetate	8.99		"	10.0		89.9	21-90		2.85	30	
Vinyl Chloride	9.18		"	10.0		91.8	58-145		3.32	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20431 - EPA 3510C

Blank (BD20431-BLK1)

Prepared: 04/07/2022 Analyzed: 04/08/2022

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	12.9		"	50.0		25.8	19.7-63.1				
Surrogate: SURR: Phenol-d5	7.22		"	50.0		14.4	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	15.5		"	25.0		61.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.7		"	25.0		58.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	29.4		"	50.0		58.8	39.3-151				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20431 - EPA 3510C

Blank (BD20431-BLK1)

Prepared: 04/07/2022 Analyzed: 04/08/2022

Surrogate: *SURR: Terphenyl-d14* 18.3 ug/L 25.0 73.3 30.7-106

Blank (BD20431-BLK2)

Prepared: 04/07/2022 Analyzed: 04/08/2022

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	1.07	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20431 - EPA 3510C											
LCS (BD20431-BS1)						Prepared: 04/07/2022 Analyzed: 04/08/2022					
1,1-Biphenyl	16.0	5.00	ug/L	25.0		64.1	33-95				
1,2,4,5-Tetrachlorobenzene	13.7	5.00	"	25.0		54.9	26-120				
2,3,4,6-Tetrachlorophenol	17.1	5.00	"	25.0		68.5	30-130				
2,4,5-Trichlorophenol	11.5	5.00	"	25.0		46.0	32-114				
2,4,6-Trichlorophenol	11.0	5.00	"	25.0		43.9	35-118				
2,4-Dichlorophenol	11.3	5.00	"	25.0		45.3	25-116				
2,4-Dimethylphenol	9.56	5.00	"	25.0		38.2	15-116				
2,4-Dinitrophenol	16.0	5.00	"	25.0		63.8	10-170				
2,4-Dinitrotoluene	14.2	5.00	"	25.0		56.9	41-128				
2,6-Dinitrotoluene	14.8	5.00	"	25.0		59.3	45-116				
2-Chloronaphthalene	10.9	5.00	"	25.0		43.6	33-112				
2-Chlorophenol	10.1	5.00	"	25.0		40.4	15-120				
2-Methylnaphthalene	11.9	5.00	"	25.0		47.4	24-118				
2-Methylphenol	8.63	5.00	"	25.0		34.5	10-110				
2-Nitroaniline	13.5	5.00	"	25.0		54.0	34-129				
2-Nitrophenol	12.4	5.00	"	25.0		49.7	28-118				
3- & 4-Methylphenols	7.38	5.00	"	25.0		29.5	10-107				
3,3-Dichlorobenzidine	19.4	5.00	"	25.0		77.6	15-187				
3-Nitroaniline	12.6	5.00	"	25.0		50.3	24-134				
4,6-Dinitro-2-methylphenol	16.6	5.00	"	25.0		66.3	10-153				
4-Bromophenyl phenyl ether	10.8	5.00	"	25.0		43.0	34-120				
4-Chloro-3-methylphenol	13.0	5.00	"	25.0		52.0	20-120				
4-Chloroaniline	8.80	5.00	"	25.0		35.2	10-147				
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0		45.6	27-121				
4-Nitroaniline	12.8	5.00	"	25.0		51.0	13-134				
4-Nitrophenol	6.42	5.00	"	25.0		25.7	10-131				
Acetophenone	15.6	5.00	"	25.0		62.3	25-110				
Benzaldehyde	14.3	5.00	"	25.0		57.1	29-117				
Benzyl butyl phthalate	15.3	5.00	"	25.0		61.3	29-133				
Bis(2-chloroethoxy)methane	10.2	5.00	"	25.0		40.7	10-154				
Bis(2-chloroethyl)ether	9.09	5.00	"	25.0		36.4	17-125				
Bis(2-chloroisopropyl)ether	9.06	5.00	"	25.0		36.2	10-139				
Caprolactam	3.43	5.00	"	25.0		13.7	10-137				
Carbazole	12.4	5.00	"	25.0		49.4	42-126				
Dibenzofuran	11.8	5.00	"	25.0		47.3	36-113				
Diethyl phthalate	14.1	5.00	"	25.0		56.4	38-115				
Dimethyl phthalate	12.8	5.00	"	25.0		51.2	38-129				
Di-n-butyl phthalate	14.0	5.00	"	25.0		56.0	31-120				
Di-n-octyl phthalate	13.1	5.00	"	25.0		52.5	21-149				
Hexachlorocyclopentadiene	7.43	10.0	"	25.0		29.7	10-130				
Isophorone	11.2	5.00	"	25.0		44.8	25-127				
N-nitroso-di-n-propylamine	10.8	5.00	"	25.0		43.2	26-122				
N-Nitrosodiphenylamine	14.4	5.00	"	25.0		57.4	23-149				
Phenol	3.33	5.00	"	25.0		13.3	10-110				
Pyridine	4.99	5.00	"	25.5		19.6	10-90				
Surrogate: SURR: 2-Fluorophenol	13.5		"	50.0		26.9	19.7-63.1				
Surrogate: SURR: Phenol-d5	7.53		"	50.0		15.1	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	15.5		"	25.0		62.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	13.7		"	25.0		54.9	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	26.7		"	50.0		53.4	39.3-151				
Surrogate: SURR: Terphenyl-d14	15.8		"	25.0		63.3	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20431 - EPA 3510C

LCS (BD20431-BS2)

Prepared: 04/07/2022 Analyzed: 04/08/2022

Acenaphthene	0.680	0.0500	ug/L	1.00		68.0	25-116				
Acenaphthylene	0.760	0.0500	"	1.00		76.0	26-116				
Anthracene	0.320	0.0500	"	1.00		32.0	25-123				
Benzo(a)anthracene	1.32	0.0500	"	1.00		132	33-125	High Bias			
Benzo(a)pyrene	0.340	0.0500	"	1.00		34.0	32-132				
Benzo(b)fluoranthene	0.880	0.0500	"	1.00		88.0	22-137				
Benzo(g,h,i)perylene	0.790	0.0500	"	1.00		79.0	10-138				
Benzo(k)fluoranthene	0.780	0.0500	"	1.00		78.0	20-137				
Bis(2-ethylhexyl)phthalate	2.36	0.500	"	1.00		236	10-189	High Bias			
Chrysene	1.29	0.0500	"	1.00		129	32-124	High Bias			
Dibenzo(a,h)anthracene	0.890	0.0500	"	1.00		89.0	16-133				
Fluoranthene	0.850	0.0500	"	1.00		85.0	32-121				
Fluorene	0.810	0.0500	"	1.00		81.0	28-118				
Hexachlorobenzene	0.860	0.0200	"	1.00		86.0	23-124				
Hexachlorobutadiene	0.770	0.500	"	1.00		77.0	15-123				
Hexachloroethane	3.15	0.500	"	1.00		315	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.760	0.0500	"	1.00		76.0	15-135				
Naphthalene	0.760	0.0500	"	1.00		76.0	18-120				
Nitrobenzene	0.850	0.250	"	1.00		85.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.14	0.250	"	1.00		114	10-156				
Phenanthrene	0.820	0.0500	"	1.00		82.0	24-127				
Pyrene	1.45	0.0500	"	1.00		145	31-132	High Bias			

LCS Dup (BD20431-BS1)

Prepared: 04/07/2022 Analyzed: 04/08/2022

1,1-Biphenyl	17.8	5.00	ug/L	25.0		71.2	33-95		10.4	20	
1,2,4,5-Tetrachlorobenzene	14.8	5.00	"	25.0		59.2	26-120		7.43	20	
2,3,4,6-Tetrachlorophenol	19.0	5.00	"	25.0		75.8	30-130		10.1	20	
2,4,5-Trichlorophenol	12.6	5.00	"	25.0		50.6	32-114		9.53	20	
2,4,6-Trichlorophenol	12.5	5.00	"	25.0		49.9	35-118		12.7	20	
2,4-Dichlorophenol	12.8	5.00	"	25.0		51.3	25-116		12.4	20	
2,4-Dimethylphenol	10.4	5.00	"	25.0		41.6	15-116		8.32	20	
2,4-Dinitrophenol	16.6	5.00	"	25.0		66.4	10-170		3.99	20	
2,4-Dinitrotoluene	16.2	5.00	"	25.0		64.8	41-128		13.0	20	
2,6-Dinitrotoluene	16.1	5.00	"	25.0		64.3	45-116		8.09	20	
2-Chloronaphthalene	12.0	5.00	"	25.0		48.2	33-112		9.85	20	
2-Chlorophenol	11.7	5.00	"	25.0		46.8	15-120		14.5	20	
2-Methylnaphthalene	13.8	5.00	"	25.0		55.3	24-118		15.3	20	
2-Methylphenol	9.81	5.00	"	25.0		39.2	10-110		12.8	20	
2-Nitroaniline	14.7	5.00	"	25.0		58.8	34-129		8.52	20	
2-Nitrophenol	13.7	5.00	"	25.0		54.9	28-118		9.94	20	
3- & 4-Methylphenols	8.33	5.00	"	25.0		33.3	10-107		12.1	20	
3,3-Dichlorobenzidine	19.8	5.00	"	25.0		79.3	15-187		2.19	20	
3-Nitroaniline	15.2	5.00	"	25.0		61.0	24-134		19.3	20	
4,6-Dinitro-2-methylphenol	18.5	5.00	"	25.0		74.1	10-153		11.1	20	
4-Bromophenyl phenyl ether	11.6	5.00	"	25.0		46.4	34-120		7.60	20	
4-Chloro-3-methylphenol	14.6	5.00	"	25.0		58.5	20-120		11.7	20	
4-Chloroaniline	11.7	5.00	"	25.0		46.7	10-147		28.0	20	Non-dir.
4-Chlorophenyl phenyl ether	12.2	5.00	"	25.0		48.7	27-121		6.53	20	
4-Nitroaniline	13.6	5.00	"	25.0		54.6	13-134		6.74	20	
4-Nitrophenol	7.74	5.00	"	25.0		31.0	10-131		18.6	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20431 - EPA 3510C

LCS Dup (BD20431-BSD1)

Prepared: 04/07/2022 Analyzed: 04/08/2022

Acetophenone	17.1	5.00	ug/L	25.0		68.4	25-110		9.37	20	
Benzaldehyde	15.4	5.00	"	25.0		61.4	29-117		7.22	20	
Benzyl butyl phthalate	16.8	5.00	"	25.0		67.4	29-133		9.45	20	
Bis(2-chloroethoxy)methane	11.6	5.00	"	25.0		46.4	10-154		13.1	20	
Bis(2-chloroethyl)ether	9.45	5.00	"	25.0		37.8	17-125		3.88	20	
Bis(2-chloroisopropyl)ether	9.88	5.00	"	25.0		39.5	10-139		8.66	20	
Caprolactam	3.98	5.00	"	25.0		15.9	10-137		14.8	20	
Carbazole	13.5	5.00	"	25.0		54.0	42-126		8.82	20	
Dibenzofuran	13.1	5.00	"	25.0		52.4	36-113		10.2	20	
Diethyl phthalate	15.4	5.00	"	25.0		61.8	38-115		9.14	20	
Dimethyl phthalate	14.0	5.00	"	25.0		55.8	38-129		8.59	20	
Di-n-butyl phthalate	15.0	5.00	"	25.0		60.2	31-120		7.30	20	
Di-n-octyl phthalate	14.0	5.00	"	25.0		55.8	21-149		6.13	20	
Hexachlorocyclopentadiene	8.26	10.0	"	25.0		33.0	10-130		10.6	20	
Isophorone	12.6	5.00	"	25.0		50.4	25-127		11.9	20	
N-nitroso-di-n-propylamine	12.2	5.00	"	25.0		48.6	26-122		11.8	20	
N-Nitrosodiphenylamine	15.7	5.00	"	25.0		63.0	23-149		9.24	20	
Phenol	3.82	5.00	"	25.0		15.3	10-110		13.7	20	
Pyridine	5.80	5.00	"	25.5		22.7	10-90		15.0	20	
Surrogate: SURR: 2-Fluorophenol	15.1		"	50.0		30.3	19.7-63.1				
Surrogate: SURR: Phenol-d5	9.02		"	50.0		18.0	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	16.7		"	25.0		66.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	15.2		"	25.0		60.9	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	29.8		"	50.0		59.6	39.3-151				
Surrogate: SURR: Terphenyl-d14	17.4		"	25.0		69.6	30.7-106				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20308 - EPA 3535A											
Blank (BD20308-BLK1)						Prepared: 04/06/2022 Analyzed: 04/07/2022					
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	3.36		"	4.00		84.0	36.6-118				
LCS (BD20308-BS1)						Prepared: 04/06/2022 Analyzed: 04/07/2022					
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	3.36		"	4.00		84.0	36.6-118				
Matrix Spike (BD20308-MS1)						Prepared: 04/06/2022 Analyzed: 04/07/2022					
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130				
Surrogate: 1,4-Dioxane-d8	3.36		"	4.00		84.0	50-130				
Matrix Spike Dup (BD20308-MSD1)						Prepared: 04/06/2022 Analyzed: 04/07/2022					
1,4-Dioxane	4.40	0.300	ug/L	4.00	ND	110	50-130		9.52	30	
Surrogate: 1,4-Dioxane-d8	3.20		"	4.00		80.0	50-130				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20335 - SPE Ext-PFAS-EPA 537.1M

Blank (BD20335-BLK1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	69.6		"	74.3		93.6	25-150				
Surrogate: M5PFHxA	80.9		"	80.0		101	25-150				
Surrogate: M4PFHpA	90.3		"	80.0		113	25-150				
Surrogate: M3PFHxS	68.5		"	75.7		90.6	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	63.2		"	80.0		79.0	25-150				
Surrogate: M6PFDA	88.7		"	80.0		111	25-150				
Surrogate: M7PFUdA	73.6		"	80.0		92.0	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	61.5		"	80.0		76.9	25-150				
Surrogate: M2PFTeDA	68.2		"	80.0		85.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	86.7		"	80.0		108	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	67.9		"	76.6		88.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	85.9		"	80.0		107	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	16.1		"	80.0		20.1	10-150				
Surrogate: d3-N-MeFOSAA	63.6		"	80.0		79.5	25-150				
Surrogate: d5-N-EtFOSAA	65.6		"	80.0		82.0	25-150				
Surrogate: M2-6:2 FTS	64.8		"	75.9		85.4	25-200				
Surrogate: M2-8:2 FTS	121		"	76.6		157	25-200				
Surrogate: M9PFNA	74.4		"	80.0		93.1	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20335 - SPE Ext-PFAS-EPA 537.1M

LCS (BD20335-BS1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

Perfluorobutanesulfonic acid (PFBS)	79.0	2.00	ng/L	70.8		112	50-130				
Perfluorohexanoic acid (PFHxA)	81.8	2.00	"	80.0		102	50-130				
Perfluoroheptanoic acid (PFHpA)	78.6	2.00	"	80.0		98.3	50-130				
Perfluorohexanesulfonic acid (PFHxS)	70.0	2.00	"	72.8		96.2	50-130				
Perfluorooctanoic acid (PFOA)	92.0	2.00	"	80.0		115	50-130				
Perfluorooctanesulfonic acid (PFOS)	66.8	2.00	"	74.0		90.3	50-130				
Perfluorononanoic acid (PFNA)	76.9	2.00	"	80.0		96.1	50-130				
Perfluorodecanoic acid (PFDA)	72.4	2.00	"	80.0		90.4	50-130				
Perfluoroundecanoic acid (PFUnA)	81.9	2.00	"	80.0		102	50-130				
Perfluorododecanoic acid (PFDoA)	79.6	2.00	"	80.0		99.5	50-130				
Perfluorotridecanoic acid (PFTriDA)	67.2	2.00	"	80.0		84.0	50-130				
Perfluorotetradecanoic acid (PFTA)	60.4	2.00	"	80.0		75.5	50-130				
N-MeFOSAA	77.8	2.00	"	80.0		97.2	50-130				
N-EtFOSAA	86.3	2.00	"	80.0		108	50-130				
Perfluoropentanoic acid (PFPeA)	81.4	2.00	"	80.0		102	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	100	2.00	"	80.0		125	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	89.6	2.00	"	76.4		117	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	83.5	2.00	"	77.2		108	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	81.3	5.00	"	76.0		107	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	77.6	2.00	"	76.8		101	50-175				
Perfluoro-n-butanoic acid (PFBA)	84.0	2.00	"	80.0		105	50-130				
Surrogate: M3PFBS	62.3		"	74.3		83.9	25-150				
Surrogate: M5PFHxA	82.5		"	80.0		103	25-150				
Surrogate: M4PFHpA	87.9		"	80.0		110	25-150				
Surrogate: M3PFHxS	68.8		"	75.7		90.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	70.5		"	80.0		88.1	25-150				
Surrogate: M6PFDA	86.3		"	80.0		108	25-150				
Surrogate: M7PFUdA	74.1		"	80.0		92.6	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	71.9		"	80.0		89.8	25-150				
Surrogate: M2PFTeDA	85.2		"	80.0		106	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	90.7		"	80.0		113	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	62.3		"	76.6		81.4	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	88.0		"	80.0		110	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	41.2		"	80.0		51.5	10-150				
Surrogate: d3-N-MeFOSAA	72.3		"	80.0		90.4	25-150				
Surrogate: d5-N-EtFOSAA	64.9		"	80.0		81.1	25-150				
Surrogate: M2-6:2 FTS	68.5		"	75.9		90.2	25-200				
Surrogate: M2-8:2 FTS	61.1		"	76.6		79.8	25-200				
Surrogate: M9PFNA	76.4		"	80.0		95.5	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20335 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BD20335-BSD1)						Prepared: 04/06/2022 Analyzed: 04/08/2022					
Perfluorobutanesulfonic acid (PFBS)	71.9	2.00	ng/L	70.8		102	50-130		9.32	30	
Perfluorohexanoic acid (PFHxA)	76.9	2.00	"	80.0		96.1	50-130		6.27	30	
Perfluoroheptanoic acid (PFHpA)	72.6	2.00	"	80.0		90.8	50-130		7.91	30	
Perfluorohexanesulfonic acid (PFHxS)	62.9	2.00	"	72.8		86.4	50-130		10.7	30	
Perfluorooctanoic acid (PFOA)	85.0	2.00	"	80.0		106	50-130		7.89	30	
Perfluorooctanesulfonic acid (PFOS)	75.4	2.00	"	74.0		102	50-130		12.0	30	
Perfluorononanoic acid (PFNA)	71.5	2.00	"	80.0		89.3	50-130		7.29	30	
Perfluorodecanoic acid (PFDA)	62.9	2.00	"	80.0		78.6	50-130		14.0	30	
Perfluoroundecanoic acid (PFUnA)	76.5	2.00	"	80.0		95.7	50-130		6.79	30	
Perfluorododecanoic acid (PFDoA)	75.3	2.00	"	80.0		94.1	50-130		5.61	30	
Perfluorotridecanoic acid (PFTriDA)	73.2	2.00	"	80.0		91.4	50-130		8.51	30	
Perfluorotetradecanoic acid (PFTA)	56.5	2.00	"	80.0		70.7	50-130		6.54	30	
N-MeFOSAA	78.7	2.00	"	80.0		98.4	50-130		1.15	30	
N-EtFOSAA	75.4	2.00	"	80.0		94.2	50-130		13.5	30	
Perfluoropentanoic acid (PFPeA)	77.0	2.00	"	80.0		96.3	50-130		5.46	30	
Perfluoro-1-octanesulfonamide (FOSA)	91.4	2.00	"	80.0		114	50-130		9.05	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	83.0	2.00	"	76.4		109	50-130		7.69	30	
Perfluoro-1-decanesulfonic acid (PFDS)	79.4	2.00	"	77.2		103	50-130		5.09	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	72.1	5.00	"	76.0		94.9	50-175		12.0	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	71.1	2.00	"	76.8		92.6	50-175		8.70	30	
Perfluoro-n-butanoic acid (PFBA)	78.3	2.00	"	80.0		97.9	50-130		7.01	30	
Surrogate: M3PFBS	64.9		"	74.3		87.3	25-150				
Surrogate: M5PFHxA	76.2		"	80.0		95.3	25-150				
Surrogate: M4PFHpA	85.0		"	80.0		106	25-150				
Surrogate: M3PFHxS	74.6		"	75.7		98.5	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	70.0		"	80.0		87.5	25-150				
Surrogate: M6PFDA	91.6		"	80.0		115	25-150				
Surrogate: M7PFUdA	74.9		"	80.0		93.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	66.1		"	80.0		82.6	25-150				
Surrogate: M2PFTeDA	81.2		"	80.0		101	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	87.1		"	80.0		109	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	62.4		"	76.6		81.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	83.5		"	80.0		104	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	14.6		"	80.0		18.3	10-150				
Surrogate: d3-N-MeFOSAA	69.5		"	80.0		86.9	25-150				
Surrogate: d5-N-EtFOSAA	69.1		"	80.0		86.4	25-150				
Surrogate: M2-6:2 FTS	77.9		"	75.9		103	25-200				
Surrogate: M2-8:2 FTS	85.2		"	76.6		111	25-200				
Surrogate: M9PFNA	74.6		"	80.0		93.2	25-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20381 - EPA SW846-3510C Low Level

Blank (BD20381-BLK1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	0.194		"	0.200		96.9	30-150				
Surrogate: Tetrachloro-m-xylene	0.210		"	0.200		105	30-150				

LCS (BD20381-BS1)

Prepared: 04/06/2022 Analyzed: 04/08/2022

4,4'-DDD	0.157	0.00400	ug/L	0.200		78.5	40-140				
4,4'-DDE	0.135	0.00400	"	0.200		67.4	40-140				
4,4'-DDT	0.126	0.00400	"	0.200		62.9	40-140				
Aldrin	0.146	0.00400	"	0.200		73.1	40-140				
alpha-BHC	0.175	0.00400	"	0.200		87.6	40-140				
alpha-Chlordane	0.136	0.00400	"	0.200		68.1	40-140				
beta-BHC	0.155	0.00400	"	0.200		77.5	40-140				
delta-BHC	0.170	0.00400	"	0.200		84.9	40-140				
Dieldrin	0.138	0.00200	"	0.200		69.2	40-140				
Endosulfan I	0.149	0.00400	"	0.200		74.7	40-140				
Endosulfan II	0.138	0.00400	"	0.200		69.2	40-140				
Endosulfan sulfate	0.117	0.00400	"	0.200		58.6	40-140				
Endrin	0.172	0.00400	"	0.200		86.1	40-140				
Endrin aldehyde	0.133	0.0100	"	0.200		66.7	40-140				
Endrin ketone	0.156	0.0100	"	0.200		77.8	40-140				
gamma-BHC (Lindane)	0.191	0.00400	"	0.200		95.7	40-140				
gamma-Chlordane	0.143	0.0100	"	0.200		71.4	40-140				
Heptachlor	0.165	0.00400	"	0.200		82.5	40-140				
Heptachlor epoxide	0.158	0.00400	"	0.200		79.2	40-140				
Methoxychlor	0.137	0.00400	"	0.200		68.4	40-140				
Surrogate: Decachlorobiphenyl	0.132		"	0.200		66.1	30-150				
Surrogate: Tetrachloro-m-xylene	0.158		"	0.200		78.9	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20381 - EPA SW846-3510C Low Level											
LCS Dup (BD20381-BSD1)						Prepared: 04/06/2022 Analyzed: 04/08/2022					
4,4'-DDD	0.174	0.00400	ug/L	0.200		87.1	40-140		10.5	20	
4,4'-DDE	0.151	0.00400	"	0.200		75.4	40-140		11.2	20	
4,4'-DDT	0.199	0.00400	"	0.200		99.5	40-140		45.1	20	Non-dir.
Aldrin	0.160	0.00400	"	0.200		79.8	40-140		8.67	20	
alpha-BHC	0.182	0.00400	"	0.200		91.1	40-140		3.90	20	
alpha-Chlordane	0.150	0.00400	"	0.200		75.2	40-140		9.93	20	
beta-BHC	0.167	0.00400	"	0.200		83.3	40-140		7.16	20	
delta-BHC	0.192	0.00400	"	0.200		95.8	40-140		12.1	20	
Dieldrin	0.168	0.00200	"	0.200		84.1	40-140		19.4	20	
Endosulfan I	0.164	0.00400	"	0.200		82.1	40-140		9.36	20	
Endosulfan II	0.155	0.00400	"	0.200		77.3	40-140		11.0	20	
Endosulfan sulfate	0.125	0.00400	"	0.200		62.3	40-140		6.01	20	
Endrin	0.198	0.00400	"	0.200		99.0	40-140		13.9	20	
Endrin aldehyde	0.151	0.0100	"	0.200		75.5	40-140		12.4	20	
Endrin ketone	0.177	0.0100	"	0.200		88.6	40-140		13.0	20	
gamma-BHC (Lindane)	0.201	0.00400	"	0.200		100	40-140		4.86	20	
gamma-Chlordane	0.148	0.0100	"	0.200		74.0	40-140		3.53	20	
Heptachlor	0.215	0.00400	"	0.200		107	40-140		26.2	20	Non-dir.
Heptachlor epoxide	0.172	0.00400	"	0.200		85.8	40-140		7.89	20	
Methoxychlor	0.220	0.00400	"	0.200		110	40-140		46.8	20	Non-dir.
Surrogate: Decachlorobiphenyl	0.180		"	0.200		89.9	30-150				
Surrogate: Tetrachloro-m-xylene	0.201		"	0.200		101	30-150				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20381 - EPA SW846-3510C Low Level

Blank (BD20381-BLK2)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.172		"	0.200		86.0	30-120				
Surrogate: Decachlorobiphenyl	0.150		"	0.200		75.0	30-120				

LCS (BD20381-BS2)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Aroclor 1016	1.11	0.0500	ug/L	1.00		111	40-120				
Aroclor 1260	1.08	0.0500	"	1.00		108	40-120				
Surrogate: Tetrachloro-m-xylene	0.202		"	0.200		101	30-120				
Surrogate: Decachlorobiphenyl	0.177		"	0.200		88.5	30-120				

LCS Dup (BD20381-BSD2)

Prepared: 04/06/2022 Analyzed: 04/07/2022

Aroclor 1016	1.12	0.0500	ug/L	1.00		112	40-120	0.900	30		
Aroclor 1260	1.08	0.0500	"	1.00		108	40-120	0.185	30		
Surrogate: Tetrachloro-m-xylene	0.208		"	0.200		104	30-120				
Surrogate: Decachlorobiphenyl	0.182		"	0.200		91.0	30-120				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20437 - EPA 3015A

Blank (BD20437-BLK1)

Prepared & Analyzed: 04/07/2022

Aluminum	ND	0.0556	mg/L
Barium	ND	0.0278	"
Calcium	ND	0.0556	"
Chromium	ND	0.00556	"
Cobalt	ND	0.00444	"
Copper	ND	0.0222	"
Iron	ND	0.278	"
Lead	ND	0.00556	"
Magnesium	ND	0.0556	"
Manganese	ND	0.00556	"
Nickel	ND	0.0111	"
Potassium	ND	0.0556	"
Silver	ND	0.00556	"
Sodium	ND	0.556	"
Vanadium	ND	0.0111	"
Zinc	ND	0.0278	"

LCS (BD20437-BS1)

Prepared & Analyzed: 04/07/2022

Aluminum	2.09	ug/mL	2.00	104	80-120
Barium	2.06	"	2.00	103	80-120
Calcium	1.12	"	1.00	112	80-120
Chromium	0.196	"	0.200	98.2	80-120
Cobalt	0.506	"	0.500	101	80-120
Copper	0.252	"	0.250	101	80-120
Iron	1.08	"	1.00	108	80-120
Lead	0.501	"	0.500	100	80-120
Magnesium	1.08	"	1.00	108	80-120
Manganese	0.509	"	0.500	102	80-120
Nickel	0.510	"	0.500	102	80-120
Potassium	0.832	"	1.00	83.2	80-120
Silver	0.0471	"	0.0500	94.1	80-120
Sodium	1.10	"	1.00	110	80-120
Vanadium	0.490	"	0.500	97.9	80-120
Zinc	0.483	"	0.500	96.6	80-120



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20437 - EPA 3015A

Duplicate (BD20437-DUP1)		*Source sample: 22D0235-02 (Duplicate)				Prepared & Analyzed: 04/07/2022					
Aluminum	0.444	0.0556	mg/L		0.433				2.40	20	
Barium	0.0602	0.0278	"		0.0591				1.87	20	
Calcium	87.8	0.0556	"		88.0				0.173	20	
Chromium	0.00949	0.00556	"		0.00969				2.02	20	
Cobalt	ND	0.00444	"		ND					20	
Copper	0.145	0.0222	"		0.145				0.0457	20	
Iron	42.0	0.278	"		42.4				0.940	20	
Lead	0.00752	0.00556	"		0.00701				7.01	20	
Magnesium	26.5	0.0556	"		27.0				1.94	20	
Manganese	1.24	0.00556	"		1.24				0.189	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	26.0	0.0556	"		26.4				1.40	20	
Silver	ND	0.00556	"		ND					20	
Sodium	633	0.556	"		634				0.248	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.674	0.0278	"		0.661				1.88	20	

Matrix Spike (BD20437-MS1)		*Source sample: 22D0235-02 (Matrix Spike)				Prepared & Analyzed: 04/07/2022					
Aluminum	2.88	0.0556	mg/L	2.22	0.433	110	75-125				
Barium	2.56	0.0278	"	2.22	0.0591	112	75-125				
Calcium	87.3	0.0556	"	1.11	88.0	NR	75-125	Low Bias			
Chromium	0.256	0.00556	"	0.222	0.00969	111	75-125				
Cobalt	0.621	0.00444	"	0.556	ND	112	75-125				
Copper	0.497	0.0222	"	0.278	0.145	127	75-125	High Bias			
Iron	43.3	0.278	"	1.11	42.4	76.8	75-125				
Lead	0.607	0.00556	"	0.556	0.00701	108	75-125				
Magnesium	27.9	0.0556	"	1.11	27.0	76.8	75-125				
Manganese	1.85	0.00556	"	0.556	1.24	111	75-125				
Nickel	0.637	0.0111	"	0.556	ND	115	75-125				
Potassium	27.2	0.0556	"	1.11	26.4	69.9	75-125	Low Bias			
Silver	0.0580	0.00556	"	0.0556	ND	104	75-125				
Sodium	621	0.556	"	1.11	634	NR	75-125	Low Bias			
Vanadium	0.623	0.0111	"	0.556	ND	112	75-125				
Zinc	1.27	0.0278	"	0.556	0.661	109	75-125				

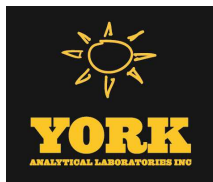


Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20437 - EPA 3015A

Post Spike (BD20437-PS1)	*Source sample: 22D0235-02 (Post Spike)					Prepared & Analyzed: 04/07/2022					
Aluminum	2.71		ug/mL	2.00	0.433	114	75-125				
Barium	2.40		"	2.00	0.0591	117	75-125				
Calcium	77.8		"	1.00	88.0	NR	75-125	Low Bias			
Chromium	0.244		"	0.200	0.00969	117	75-125				
Cobalt	0.595		"	0.500	0.00145	119	75-125				
Copper	0.468		"	0.250	0.145	129	75-125	High Bias			
Iron	39.4		"	1.00	42.4	NR	75-125	Low Bias			
Lead	0.583		"	0.500	0.00701	115	75-125				
Magnesium	25.5		"	1.00	27.0	NR	75-125	Low Bias			
Manganese	1.71		"	0.500	1.24	93.9	75-125				
Nickel	0.607		"	0.500	-0.0109	121	75-125				
Potassium	24.6		"	1.00	26.4	NR	75-125	Low Bias			
Silver	0.0423		"	0.0500	0.000654	83.2	75-125				
Sodium	561		"	1.00	634	NR	75-125	Low Bias			
Vanadium	0.591		"	0.500	0.00240	118	75-125				
Zinc	1.16		"	0.500	0.661	99.8	75-125				



Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20438 - EPA 3015A

Blank (BD20438-BLK1)

Prepared: 04/07/2022 Analyzed: 04/08/2022

Antimony	ND	1.11	ug/L
Arsenic	ND	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Selenium	2.19	1.11	"
Thallium	ND	1.11	"

LCS (BD20438-BS1)

Prepared: 04/07/2022 Analyzed: 04/08/2022

Antimony	67.0	ug/L	50.0	134	80-120	High Bias
Arsenic	50.2	"	50.0	100	80-120	
Beryllium	50.5	"	50.0	101	80-120	
Cadmium	72.7	"	50.0	145	80-120	High Bias
Selenium	49.6	"	50.0	99.2	80-120	
Thallium	44.6	"	50.0	89.1	80-120	

Duplicate (BD20438-DUP1)

*Source sample: 22D0314-02 (Duplicate)

Prepared: 04/07/2022 Analyzed: 04/11/2022

Antimony	ND	1.11	ug/L	ND			20
Arsenic	2.98	1.11	"	2.87		3.85	20
Beryllium	ND	0.333	"	ND			20
Cadmium	ND	0.556	"	ND			20
Selenium	2.13	1.11	"	2.63		20.8	20 Non-dir.
Thallium	ND	1.11	"	ND			20

Matrix Spike (BD20438-MS1)

*Source sample: 22D0314-02 (Matrix Spike)

Prepared: 04/07/2022 Analyzed: 04/11/2022

Antimony	70.5	ug/L	50.0	0.212	140	75-125	High Bias
Arsenic	59.7	"	50.0	2.58	114	75-125	
Beryllium	36.3	"	50.0	0.037	72.6	75-125	Low Bias
Cadmium	70.8	"	50.0	0.169	141	75-125	High Bias
Selenium	60.9	"	50.0	2.37	117	75-125	
Thallium	52.3	"	50.0	0.009	105	75-125	



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20298 - EPA SW846-7470A											
Blank (BD20298-BLK1)											
								Prepared & Analyzed: 04/05/2022			
Mercury	ND	0.0002	mg/L								
LCS (BD20298-BS1)											
								Prepared & Analyzed: 04/05/2022			
Mercury	0.0021572	0.0002	mg/L	0.00200		108	80-120				
Duplicate (BD20298-DUP1)											
*Source sample: 22D0137-01 (Duplicate)								Prepared & Analyzed: 04/05/2022			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BD20298-MS1)											
*Source sample: 22D0137-01 (Matrix Spike)								Prepared & Analyzed: 04/05/2022			
Mercury	0.0021	0.0002	mg/L	0.00200	ND	103	75-125				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD20265 - Analysis Preparation											
Blank (BD20265-BLK1)								Prepared & Analyzed: 04/05/2022			
Cyanide, total	ND	0.0100	mg/L								
LCS (BD20265-BS1)								Prepared & Analyzed: 04/05/2022			
Cyanide, total	0.211	0.0100	mg/L	0.200		106	80-120				
Duplicate (BD20265-DUP1)		*Source sample: 22D0074-05 (MW-4)						Prepared & Analyzed: 04/05/2022			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BD20265-MS1)		*Source sample: 22D0074-05 (MW-4)						Prepared & Analyzed: 04/05/2022			
Cyanide, total	0.111	0.0100	mg/L	0.200	ND	55.6	79-105	Low Bias			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D0074-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0074-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0074-03	MW-2 Dup	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0074-04	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0074-05	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0074-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

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

YORK Project No.

2200074

Page

1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	DT Consulting Services	Company:	Same	Company:	Same	3560100		RUSH - Next Day	
Address:	inc.	Address:		Address:				RUSH - Two Day	
Phone:		Phone:		Phone:				RUSH - Three Day	
Contact:	Robert Thompson	Contact:		Contact:				RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day) ☒	

YOUR Project Name		YOUR PO#:	
65 Albany Avenue Kingston, New York			

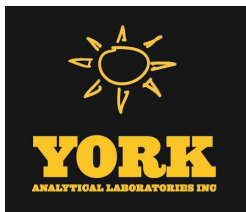
Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
S - soil / solid		New York		Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater		New Jersey		QA Report	CT RCP DQA/DUE	EQUIS (Standard)	
DW - drinking water		Connecticut		NY ASP A Package		NYSDEC EQUIS	
WW - wastewater		Pennsylvania		NY ASP B Package		NJDEP SRP HazSite	
O - Oil ; Other		Other				Other:	

Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
MW-1		GW		4/1/22	1445	VOCs, SVOCs, TAL Metals, Pesticides		3) 40ml	
MW-2					1145	PCBS, PEAS, Cyanide, 1,4 Dioxane		3) 1L	
MW-3					1000			3) 250(1) 500ml	
MW-4					1545				
Field Blank		W			1600			1) 1L	
Trip Blank		W						2) 40ml	

Comments:

Preservation: (check all that apply)		Special Instruction	
HCl ☒ MeOH ☒ HNO ₃ ☒ H ₂ SO ₄ ☒ NaOH ☒ ZnAc ☒	Ascorbic Acid ☐ Other: ☐	Field Filtered Lab to Filter ☐	
Date/Time	Samples Relinquished by / Company	Date/Time	
4-4-22 8:00	Chic E York	4-4-22 1127	
Date/Time	Samples Received by / Company	Date/Time	
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APPENDIX C
EXTERIOR SOIL GAS LABORATORY ANALYTICAL REPORT



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/18/2022

Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0084

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: 04/18/2022
Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0084

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2022 and listed below. The project was identified as your project: **356060 65 Albany Avenue Kingston, New York**.

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>
22D0084-01	ESG-1	Soil Vapor	04/01/2022	04/04/2022
22D0084-02	ESG-2	Soil Vapor	04/01/2022	04/04/2022
22D0084-03	ESG-3	Soil Vapor	04/01/2022	04/04/2022

General Notes for York Project (SDG) No.: 22D0084

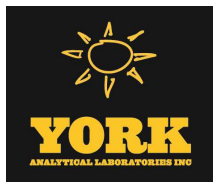
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 

Date: 04/18/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: ESG-1

York Sample ID: 22D0084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:10 am

04/04/2022

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	1.1	1.664	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 07:38	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.91	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.91	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.67	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	TO-CC V	ug/m ³	1.2	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
95-63-6	1,2,4-Trimethylbenzene	22		ug/m ³	0.82	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.67	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.77	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
108-67-8	1,3,5-Trimethylbenzene	5.4		ug/m ³	0.82	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.77	1.664	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 07:38	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
78-93-3	2-Butanone	4.1		ug/m ³	0.49	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
591-78-6	* 2-Hexanone	1.4		ug/m ³	1.4	1.664	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 07:38	LLJ



Sample Information

Client Sample ID: ESG-1

York Sample ID: 22D0084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:10 am

04/04/2022

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	2.6	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
108-10-1	4-Methyl-2-pentanone	4.6		ug/m ³	0.68	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
67-64-1	Acetone	22		ug/m ³	0.79	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.36	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
71-43-2	Benzene	2.8		ug/m ³	0.53	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.86	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.7	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.65	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.52	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.26	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.77	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.44	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.81	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.34	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.16	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.76	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
110-82-7	Cyclohexane	2.7		ug/m ³	0.57	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-71-8	Dichlorodifluoromethane	7.0		ug/m ³	0.82	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
100-41-4	Ethyl Benzene	23		ug/m ³	0.72	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ



Sample Information

Client Sample ID: ESG-1

York Sample ID: 22D0084-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:10 am

04/04/2022

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
67-63-0	Isopropanol	ND		ug/m ³	0.82	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.68	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.60	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-09-2	Methylene chloride	4.3		ug/m ³	1.2	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
142-82-5	n-Heptane	4.7		ug/m ³	0.68	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
110-54-3	n-Hexane	2.9		ug/m ³	0.59	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
95-47-6	o-Xylene	25		ug/m ³	0.72	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
179601-23-1	p- & m- Xylenes	78		ug/m ³	1.4	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
622-96-8	* p-Ethyltoluene	27		ug/m ³	0.82	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.29	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
100-42-5	Styrene	ND		ug/m ³	0.71	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
127-18-4	Tetrachloroethylene	29		ug/m ³	1.1	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
109-99-9	* Tetrahydrofuran	1.8		ug/m ³	0.98	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
108-88-3	Toluene	60		ug/m ³	0.63	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.66	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.76	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.22	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.93	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.59	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.73	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.21	1.664	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 07:38	LLJ



Sample Information

Client Sample ID: ESG-2

York Sample ID: 22D0084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:40 am

04/04/2022

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	1.2	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.97	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.97	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.72	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.18	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
95-63-6	1,2,4-Trimethylbenzene	24		ug/m ³	0.87	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.72	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.82	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
108-67-8	1,3,5-Trimethylbenzene	5.6		ug/m ³	0.87	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.2	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.82	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
78-93-3	2-Butanone	4.7		ug/m ³	0.52	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.8	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ



Sample Information

Client Sample ID: ESG-2

York Sample ID: 22D0084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:40 am

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	5.1		ug/m ³	0.73	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
67-64-1	Acetone	27		ug/m ³	0.84	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.38	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
71-43-2	Benzene	6.0		ug/m ³	0.57	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.92	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.8	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.69	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-15-0	Carbon disulfide	1.2		ug/m ³	0.55	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.28	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.82	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.47	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.86	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.37	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.18	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
110-82-7	Cyclohexane	3.5		ug/m ³	0.61	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-71-8	Dichlorodifluoromethane	9.1		ug/m ³	0.88	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
100-41-4	Ethyl Benzene	27		ug/m ³	0.77	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
67-63-0	Isopropanol	1.2		ug/m ³	0.87	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ



Sample Information

Client Sample ID: ESG-2

York Sample ID: 22D0084-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:40 am

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.73	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.64	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-09-2	Methylene chloride	52		ug/m ³	1.2	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
142-82-5	n-Heptane	6.4		ug/m ³	0.73	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
110-54-3	n-Hexane	7.3		ug/m ³	0.62	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
95-47-6	o-Xylene	31		ug/m ³	0.77	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
179601-23-1	p- & m- Xylenes	94		ug/m ³	1.5	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
622-96-8	* p-Ethyltoluene	29		ug/m ³	0.87	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.30	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
100-42-5	Styrene	ND		ug/m ³	0.75	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
127-18-4	Tetrachloroethylene	120		ug/m ³	1.2	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.771	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 08:31	LLJ
108-88-3	Toluene	76		ug/m ³	0.67	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.70	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.80	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.24	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m ³	1.0	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.62	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.77	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.23	1.771	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 08:31	LLJ



Sample Information

Client Sample ID: ESG-3

York Sample ID: 22D0084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:50 am

04/04/2022

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	1.1	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.86	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.86	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.64	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
95-63-6	1,2,4-Trimethylbenzene	29		ug/m ³	0.77	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.95	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.64	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.73	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
108-67-8	1,3,5-Trimethylbenzene	7.4		ug/m ³	0.77	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.0	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.95	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.73	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.95	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
78-93-3	2-Butanone	3.2		ug/m ³	0.46	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.5	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ



Sample Information

Client Sample ID: ESG-3

York Sample ID: 22D0084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:50 am

04/04/2022

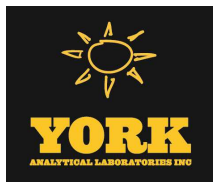
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	5.3		ug/m ³	0.64	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
67-64-1	Acetone	24		ug/m ³	0.75	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.34	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
71-43-2	Benzene	3.5		ug/m ³	0.50	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.81	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.6	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.61	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-15-0	Carbon disulfide	0.78		ug/m ³	0.49	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
56-23-5	Carbon tetrachloride	0.30		ug/m ³	0.25	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.72	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.42	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
67-66-3	Chloroform	6.1		ug/m ³	0.77	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.32	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.25		ug/m ³	0.16	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.71	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
110-82-7	Cyclohexane	1.8		ug/m ³	0.54	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-71-8	Dichlorodifluoromethane	7.2		ug/m ³	0.78	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.1	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
100-41-4	Ethyl Benzene	26		ug/m ³	0.68	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.7	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
67-63-0	Isopropanol	ND		ug/m ³	0.77	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ



Sample Information

Client Sample ID: ESG-3

York Sample ID: 22D0084-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0084

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 10:50 am

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.64	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.57	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-09-2	Methylene chloride	8.3		ug/m ³	1.1	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
142-82-5	n-Heptane	4.6		ug/m ³	0.64	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
110-54-3	n-Hexane	3.1		ug/m ³	0.55	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
95-47-6	o-Xylene	32		ug/m ³	0.68	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
179601-23-1	p- & m- Xylenes	93		ug/m ³	1.4	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
622-96-8	* p-Ethyltoluene	34		ug/m ³	0.77	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.27	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
100-42-5	Styrene	ND		ug/m ³	0.67	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
127-18-4	Tetrachloroethylene	490		ug/m ³	1.1	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.93	1.573	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 09:18	LLJ
108-88-3	Toluene	63		ug/m ³	0.59	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.62	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.71	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
79-01-6	Trichloroethylene	2.0		ug/m ³	0.21	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	2.6		ug/m ³	0.88	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.55	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.69	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.20	1.573	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 09:18	LLJ



Analytical Batch Summary

Batch ID: BD21003

Preparation Method: EPA TO15 PREP

Prepared By: LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0084-01	ESG-1	04/17/22
22D0084-02	ESG-2	04/17/22
22D0084-03	ESG-3	04/17/22
BD21003-BLK1	Blank	04/17/22
BD21003-BS1	LCS	04/17/22
BD21003-DUP1	Duplicate	04/17/22



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Blank (BD21003-BLK1)

Prepared & Analyzed: 04/17/2022

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Blank (BD21003-BLK1)

Prepared & Analyzed: 04/17/2022

n-Heptane	ND	0.41	ug/m ³
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BD21003-BS1)

Prepared & Analyzed: 04/17/2022

1,1,1,2-Tetrachloroethane	11.4		ppbv	10.0	114	70-130
1,1,1-Trichloroethane	11.6		"	10.0	116	70-130
1,1,2,2-Tetrachloroethane	11.0		"	10.0	110	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0	121	70-130
1,1,2-Trichloroethane	11.1		"	10.0	111	70-130
1,1-Dichloroethane	11.4		"	10.0	114	70-130
1,1-Dichloroethylene	11.7		"	10.0	117	70-130
1,2,4-Trichlorobenzene	7.00		"	10.0	70.0	70-130
1,2,4-Trimethylbenzene	11.1		"	10.0	111	70-130
1,2-Dibromoethane	11.1		"	10.0	111	70-130
1,2-Dichlorobenzene	11.4		"	10.0	114	70-130
1,2-Dichloroethane	11.6		"	10.0	116	70-130
1,2-Dichloropropane	10.6		"	10.0	106	70-130
1,2-Dichlorotetrafluoroethane	11.8		"	10.0	118	70-130
1,3,5-Trimethylbenzene	11.1		"	10.0	111	70-130
1,3-Butadiene	11.6		"	10.0	116	70-130
1,3-Dichlorobenzene	11.9		"	10.0	119	70-130
1,3-Dichloropropane	10.8		"	10.0	108	70-130
1,4-Dichlorobenzene	11.9		"	10.0	119	70-130
1,4-Dioxane	9.70		"	10.0	97.0	70-130
2-Butanone	10.8		"	10.0	108	70-130
2-Hexanone	9.58		"	10.0	95.8	70-130
3-Chloropropene	11.1		"	10.0	111	70-130
4-Methyl-2-pentanone	9.96		"	10.0	99.6	70-130
Acetone	10.1		"	10.0	101	70-130
Acrylonitrile	10.7		"	10.0	107	70-130
Benzene	11.3		"	10.0	113	70-130
Benzyl chloride	8.19		"	10.0	81.9	70-130
Bromodichloromethane	11.4		"	10.0	114	70-130
Bromoform	11.9		"	10.0	119	70-130
Bromomethane	12.6		"	10.0	126	70-130
Carbon disulfide	11.5		"	10.0	115	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

LCS (BD21003-BS1)

Prepared & Analyzed: 04/17/2022

Carbon tetrachloride	12.4		ppbv	10.0		124	70-130				
Chlorobenzene	11.1		"	10.0		111	70-130				
Chloroethane	11.7		"	10.0		117	70-130				
Chloroform	11.7		"	10.0		117	70-130				
Chloromethane	11.0		"	10.0		110	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Cyclohexane	11.0		"	10.0		110	70-130				
Dibromochloromethane	11.8		"	10.0		118	70-130				
Dichlorodifluoromethane	12.1		"	10.0		121	70-130				
Ethyl acetate	10.8		"	10.0		108	70-130				
Ethyl Benzene	11.0		"	10.0		110	70-130				
Hexachlorobutadiene	11.1		"	10.0		111	70-130				
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	70-130				
Methylene chloride	10.1		"	10.0		101	70-130				
n-Heptane	11.1		"	10.0		111	70-130				
n-Hexane	11.3		"	10.0		113	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	22.4		"	20.0		112	70-130				
p-Ethyltoluene	11.5		"	10.0		115	70-130				
Propylene	10.9		"	10.0		109	70-130				
Styrene	11.5		"	10.0		115	70-130				
Tetrachloroethylene	9.70		"	10.0		97.0	70-130				
Tetrahydrofuran	9.06		"	10.0		90.6	70-130				
Toluene	10.9		"	10.0		109	70-130				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Trichloroethylene	11.2		"	10.0		112	70-130				
Trichlorofluoromethane (Freon 11)	12.4		"	10.0		124	70-130				
Vinyl acetate	10.5		"	10.0		105	70-130				
Vinyl bromide	12.2		"	10.0		122	70-130				
Vinyl Chloride	11.3		"	10.0		113	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21003 - EPA TO15 PREP											
Duplicate (BD21003-DUP1)	*Source sample: 22D0395-05 (Duplicate)						Prepared & Analyzed: 04/17/2022				
1,1,1,2-Tetrachloroethane	ND	0.63	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.50	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.63	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.71	"		ND					25	
1,1,2-Trichloroethane	ND	0.50	"		ND					25	
1,1-Dichloroethane	ND	0.37	"		ND					25	
1,1-Dichloroethylene	ND	0.091	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.68	"		ND					25	
1,2,4-Trimethylbenzene	0.59	0.45	"		0.54				8.00	25	
1,2-Dibromoethane	ND	0.71	"		ND					25	
1,2-Dichlorobenzene	ND	0.55	"		ND					25	
1,2-Dichloroethane	ND	0.37	"		ND					25	
1,2-Dichloropropane	ND	0.43	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.65	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.45	"		ND					25	
1,3-Butadiene	0.082	0.61	"		ND					25	
1,3-Dichlorobenzene	ND	0.55	"		ND					25	
1,3-Dichloropropane	ND	0.43	"		ND					25	
1,4-Dichlorobenzene	ND	0.55	"		ND					25	
1,4-Dioxane	ND	0.67	"		ND					25	
2-Butanone	1.0	0.27	"		0.98				2.74	25	
2-Hexanone	ND	0.76	"		ND					25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	0.34	0.38	"		ND					25	
Acetone	7.1	0.44	"		7.1				0.927	25	
Acrylonitrile	ND	0.20	"		ND					25	
Benzene	0.74	0.29	"		0.74				0.00	25	
Benzyl chloride	ND	0.48	"		ND					25	
Bromodichloromethane	ND	0.62	"		ND					25	
Bromoform	ND	0.95	"		ND					25	
Bromomethane	ND	0.36	"		ND					25	
Carbon disulfide	ND	0.29	"		ND					25	
Carbon tetrachloride	0.46	0.15	"		0.52				11.8	25	
Chlorobenzene	ND	0.42	"		ND					25	
Chloroethane	ND	0.24	"		ND					25	
Chloroform	ND	0.45	"		ND					25	
Chloromethane	1.7	0.19	"		1.3				27.5	25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.091	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.42	"		ND					25	
Cyclohexane	0.38	0.32	"		0.38				0.00	25	
Dibromochloromethane	ND	0.79	"		ND					25	
Dichlorodifluoromethane	2.9	0.46	"		2.7				6.56	25	
Ethyl acetate	0.27	0.67	"		0.27				0.00	25	
Ethyl Benzene	0.60	0.40	"		0.60				0.00	25	
Hexachlorobutadiene	ND	0.98	"		ND					25	
Isopropanol	1.1	0.45	"		0.82				30.6	25	Non-dir.
Methyl Methacrylate	0.19	0.38	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.33	"		ND					25	
Methylene chloride	3.2	0.64	"		3.1				1.02	25	
n-Heptane	0.53	0.38	"		0.53				0.00	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Duplicate (BD21003-DUP1)	*Source sample: 22D0395-05 (Duplicate)					Prepared & Analyzed: 04/17/2022					
n-Hexane	0.78	0.33	ug/m ³		0.78				0.00	25	
o-Xylene	0.72	0.40	"		0.68				5.71	25	
p- & m- Xylenes	2.1	0.80	"		2.0				5.94	25	
p-Ethyltoluene	0.54	0.45	"		0.50				8.70	25	
Propylene	ND	0.16	"		ND					25	
Styrene	ND	0.39	"		ND					25	
Tetrachloroethylene	0.44	0.63	"		0.50				13.3	25	
Tetrahydrofuran	0.63	0.54	"		0.60				4.44	25	
Toluene	4.0	0.35	"		3.9				3.51	25	
trans-1,2-Dichloroethylene	ND	0.37	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.42	"		ND					25	
Trichloroethylene	ND	0.12	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.5	0.52	"		1.6				3.39	25	
Vinyl acetate	ND	0.32	"		ND					25	
Vinyl bromide	ND	0.40	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	





Sample and Data Qualifiers Relating to This Work Order

TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

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.

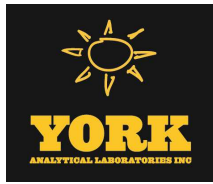
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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

YORK Project No. 22D0084

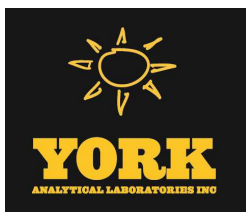
Your

Page 1 of 1

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

YOUR Information			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time		
Company: <i>DT Consulting Services Inc.</i>	Company: <i>Same</i>		Company: <i>Same</i>		Company: <i>Same</i>		<i>356060</i>		RUSH - Next Day		
Address:	Address:		Address:		Address:		<i>65 Albany Avenue Albany, New York</i>		RUSH - Two Day		
Phone.:	Phone.:		Phone.:		Phone.:				RUSH - Three Day		
Contact:	Contact:		Contact:		Contact:				RUSH - Four Day		
E-mail:	E-mail:		E-mail:		E-mail:		<i>YOUR PO#:</i>		Standard (5-7 Day)		
<i>Don Bellucci</i> Samples Collected by: (print your name above and sign below) <i>Don Bellucci</i>			Air Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.		
			AI - Indoor Ambient Air AO - Outdoor Amb. Air AE - Vapor Extraction Well/ Process Gas/Effluent AS - Soil Vapor/Sub-Slab	New York New Jersey Connecticut Pennsylvania Other	☒ Summary Report ☐ QA Report ☐ NY ASP A Package ☒ NY ASP B Package Other:	CT RCP CT RCP DQA/DUE NUDEP Reduced Deliv. NUDKQP	Standard Excel EDD EQUIS (Standard) <i>(NYSDEC EQUIS)</i> NUDEP SRP HazSite	Compared to the following Regulation(s): (please fill in)			
Certified Canisters: Batch ☒ Individual _____			Please enter the following REQUIRED Field Data								
Sample Identification		Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested		Reporting Units: ug/m ³ ☒ ppbv _____ ppmv ☒	
<i>ESG-1</i>	<i>4/1/22 10:10</i>	<i>AS</i>	<i>-30</i>	<i>-7</i>	<i>93008</i>	<i>6869</i>	<i>70-15</i>				
<i>ESG-2</i>	<i>4/1/22 10:40</i>	<i>AS</i>	<i>-24</i>	<i>-6</i>	<i>24111</i>	<i>6861</i>	<i>70-15</i>				
<i>ESG-3</i>	<i>4/1/22 10:50</i>	<i>AS</i>	<i>-30</i>	<i>-5</i>	<i>20315</i>	<i>13568</i>	<i>70-15</i>				
Comments:											
Samples Relinquished by / Company		Date/Time	Samples Received by / Company		Date/Time	Detection Limits Required		Sampling Media			
<i>111 Howard Thompson</i>		<i>4/1/22</i>	<i>Andrew S. Zook</i>		<i>4/1/22 11:13</i>	<i>≤ 1 ug/m³ NYSDC V1 Limits</i>		<i>6 Liter Canister</i>		<i>Y</i>	
Samples Received by / Company		Date/Time	Samples Relinquished by / Company		Date/Time	Routine Survey _____ Other _____		Tedlar Bag			
Samples Relinquished by / Company		Date/Time	Samples Received by / Company		Date/Time						
Samples Relinquished by / Company		Date/Time	Samples Received by / Company		Date/Time						

APPENDIX C
INTERIOR SOIL GAS AND INDOOR AIR LABORATORY ANALYTICAL REPORT



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/19/2022

Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0085

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

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2022 and listed below. The project was identified as your project: **356060 65 Albany Avenue Kingston, New York**.

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>
22D0085-01	SG-1	Soil Vapor	04/01/2022	04/04/2022
22D0085-02	SG-1 AI	Indoor Ambient Air	04/01/2022	04/04/2022
22D0085-03	SG-2	Soil Vapor	04/01/2022	04/04/2022
22D0085-04	SG-2 AI	Indoor Ambient Air	04/01/2022	04/04/2022
22D0085-05	SG-3	Soil Vapor	04/01/2022	04/04/2022
22D0085-06	SG-3 AI	Indoor Ambient Air	04/01/2022	04/04/2022
22D0085-07	SG-4	Soil Vapor	04/01/2022	04/04/2022
22D0085-08	SG-4 AI	Indoor Ambient Air	04/01/2022	04/04/2022
22D0085-09	SG-5	Soil Vapor	04/01/2022	04/04/2022
22D0085-10	SG-5 AI	Indoor Ambient Air	04/01/2022	04/04/2022
22D0085-11	AO-1	Outdoor Ambient Air	04/01/2022	04/04/2022

General Notes for York Project (SDG) No.: 22D0085

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: 

Date: 04/19/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: SG-1

York Sample ID: 22D0085-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 2:06 pm

04/04/2022

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	2.7	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
71-55-6	1,1,1-Trichloroethane	8.3		ug/m ³	2.1	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.7	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	3.0	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	2.1	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.6	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.38	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	2.9	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
95-63-6	1,2,4-Trimethylbenzene	3.4		ug/m ³	1.9	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	3.0	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	2.3	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.6	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.8	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.7	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.9	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	2.6	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	2.3	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.8	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	2.3	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	2.8	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
78-93-3	2-Butanone	4.8		ug/m ³	1.1	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	3.2	3.882	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 10:14	AS



Sample Information

Client Sample ID: SG-1

York Sample ID: 22D0085-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 2:06 pm

04/04/2022

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	6.1	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	1.6	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
67-64-1	Acetone	21		ug/m ³	1.8	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.84	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
71-43-2	Benzene	ND		ug/m ³	1.2	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
100-44-7	Benzyl chloride	ND		ug/m ³	2.0	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	2.6	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-25-2	Bromoform	ND		ug/m ³	4.0	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
74-83-9	Bromomethane	ND		ug/m ³	1.5	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-15-0	Carbon disulfide	ND		ug/m ³	1.2	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.61	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
108-90-7	Chlorobenzene	ND		ug/m ³	1.8	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-00-3	Chloroethane	ND		ug/m ³	1.0	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
67-66-3	Chloroform	ND		ug/m ³	1.9	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
74-87-3	Chloromethane	1.1		ug/m ³	0.80	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.38	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.8	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
110-82-7	Cyclohexane	ND		ug/m ³	1.3	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	3.3	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-71-8	Dichlorodifluoromethane	21		ug/m ³	1.9	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
141-78-6	* Ethyl acetate	ND		ug/m ³	2.8	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
100-41-4	Ethyl Benzene	2.0		ug/m ³	1.7	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	4.1	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS



Sample Information

Client Sample ID: SG-1

York Sample ID: 22D0085-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 2:06 pm

04/04/2022

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
67-63-0	Isopropanol	7.7		ug/m ³	1.9	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.6	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.4	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-09-2	Methylene chloride	11		ug/m ³	2.7	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
142-82-5	n-Heptane	ND		ug/m ³	1.6	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
110-54-3	n-Hexane	1.4		ug/m ³	1.4	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
95-47-6	o-Xylene	2.5		ug/m ³	1.7	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
179601-23-1	p- & m- Xylenes	7.9		ug/m ³	3.4	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
622-96-8	* p-Ethyltoluene	3.1		ug/m ³	1.9	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
115-07-1	* Propylene	ND		ug/m ³	0.67	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
100-42-5	Styrene	ND		ug/m ³	1.7	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
127-18-4	Tetrachloroethylene	810		ug/m ³	2.6	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
109-99-9	* Tetrahydrofuran	3.8		ug/m ³	2.3	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
108-88-3	Toluene	11		ug/m ³	1.5	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.5	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.8	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
79-01-6	Trichloroethylene	0.83		ug/m ³	0.52	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-69-4	Trichlorofluoromethane (Freon 11)	3.3		ug/m ³	2.2	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
108-05-4	Vinyl acetate	ND		ug/m ³	1.4	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
593-60-2	Vinyl bromide	ND		ug/m ³	1.7	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.50	3.882	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 10:14	AS



Sample Information

Client Sample ID: SG-1 AI

York Sample ID: 22D0085-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 2:00 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m ³	0.51	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.41	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m ³	0.51	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.57		ug/m ³	0.57	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	ug/m ³	0.41	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.30	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.074	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m ³	0.55	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
95-63-6	1,2,4-Trimethylbenzene	0.40	IS-LO	ug/m ³	0.37	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
106-93-4	1,2-Dibromoethane	ND	IS-LO	ug/m ³	0.57	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m ³	0.45	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.30	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
78-87-5	1,2-Dichloropropane	ND	IS-LO	ug/m ³	0.34	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.52	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/m ³	0.37	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.49	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m ³	0.45	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
142-28-9	* 1,3-Dichloropropane	ND	IS-LO	ug/m ³	0.34	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m ³	0.45	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
123-91-1	1,4-Dioxane	ND	IS-LO	ug/m ³	0.54	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
78-93-3	2-Butanone	2.8		ug/m ³	0.22	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
591-78-6	* 2-Hexanone	ND	IS-LO	ug/m ³	0.61	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS



Sample Information

Client Sample ID: SG-1 AI

York Sample ID: 22D0085-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 2:00 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	ug/m ³	0.31	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
67-64-1	Acetone	23		ug/m ³	0.35	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.16	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
71-43-2	Benzene	0.64		ug/m ³	0.24	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
100-44-7	Benzyl chloride	ND	IS-LO	ug/m ³	0.39	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-27-4	Bromodichloromethane	ND	IS-LO	ug/m ³	0.50	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-25-2	Bromoform	ND	IS-LO	ug/m ³	0.77	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
74-83-9	Bromomethane	ND		ug/m ³	0.29	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-15-0	Carbon disulfide	0.28		ug/m ³	0.23	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
56-23-5	Carbon tetrachloride	0.52	TO-CC V, TO-LCS -H	ug/m ³	0.12	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
108-90-7	Chlorobenzene	ND	IS-LO	ug/m ³	0.34	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-00-3	Chloroethane	ND		ug/m ³	0.20	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
67-66-3	Chloroform	1.5		ug/m ³	0.36	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
74-87-3	Chloromethane	1.8		ug/m ³	0.15	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.074	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	ug/m ³	0.34	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
110-82-7	Cyclohexane	0.38		ug/m ³	0.26	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
124-48-1	Dibromochloromethane	ND	IS-LO	ug/m ³	0.63	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-71-8	Dichlorodifluoromethane	3.5		ug/m ³	0.37	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
141-78-6	* Ethyl acetate	1.6		ug/m ³	0.54	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
100-41-4	Ethyl Benzene	0.52	IS-LO	ug/m ³	0.32	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m ³	0.79	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS



Sample Information

Client Sample ID: SG-1 AI

York Sample ID: 22D0085-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 2:00 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	20		ug/m ³	0.37	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
80-62-6	Methyl Methacrylate	2.8	IS-LO	ug/m ³	0.31	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.27	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-09-2	Methylene chloride	490		ug/m ³	9.7	13.98	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 11:49	AS
142-82-5	n-Heptane	1.8		ug/m ³	0.31	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
110-54-3	n-Hexane	20		ug/m ³	0.26	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
95-47-6	o-Xylene	0.55	IS-LO	ug/m ³	0.32	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
179601-23-1	p- & m- Xylenes	1.6	IS-LO	ug/m ³	0.65	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
622-96-8	* p-Ethyltoluene	0.37	IS-LO	ug/m ³	0.37	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
115-07-1	* Propylene	ND		ug/m ³	0.13	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
100-42-5	Styrene	0.32	IS-LO	ug/m ³	0.32	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
127-18-4	Tetrachloroethylene	8.4	IS-LO	ug/m ³	0.51	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
109-99-9	* Tetrahydrofuran	0.99		ug/m ³	0.44	0.745	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 23:27	AS
108-88-3	Toluene	5.3	IS-LO	ug/m ³	0.28	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.30	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	ug/m ³	0.34	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
79-01-6	Trichloroethylene	0.28	IS-LO	ug/m ³	0.10	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-69-4	Trichlorofluoromethane (Freon 11)	6.9		ug/m ³	0.42	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.26	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.33	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.095	0.745	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 23:27	AS



Sample Information

Client Sample ID: SG-2

York Sample ID: 22D0085-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 2:16 pm

04/04/2022

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	13	19.33	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 22:28	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.8	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	14	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.5	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.8	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.5	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	13	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.9	19.33	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 22:28	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	14	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
78-93-3	2-Butanone	ND		ug/m ³	5.7	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	16	19.33	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 22:28	AS
107-05-1	3-Chloropropene	ND		ug/m ³	30	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS



Sample Information

Client Sample ID: SG-2

York Sample ID: 22D0085-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 2:16 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
67-64-1	Acetone	17		ug/m ³	9.2	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
107-13-1	Acrylonitrile	ND		ug/m ³	4.2	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
71-43-2	Benzene	ND		ug/m ³	6.2	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
100-44-7	Benzyl chloride	ND		ug/m ³	10	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	13	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-25-2	Bromoform	ND		ug/m ³	20	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
74-83-9	Bromomethane	ND		ug/m ³	7.5	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-15-0	Carbon disulfide	ND		ug/m ³	6.0	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.0	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
108-90-7	Chlorobenzene	ND		ug/m ³	8.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-00-3	Chloroethane	ND		ug/m ³	5.1	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
67-66-3	Chloroform	ND		ug/m ³	9.4	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
74-87-3	Chloromethane	ND		ug/m ³	4.0	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.8	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
110-82-7	Cyclohexane	ND		ug/m ³	6.7	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	16	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-71-8	Dichlorodifluoromethane	130		ug/m ³	9.6	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
141-78-6	* Ethyl acetate	ND		ug/m ³	14	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
100-41-4	Ethyl Benzene	ND		ug/m ³	8.4	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
67-63-0	Isopropanol	ND		ug/m ³	9.5	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS



Sample Information

Client Sample ID: SG-2

York Sample ID: 22D0085-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 2:16 pm

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.0	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-09-2	Methylene chloride	250		ug/m ³	13	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
142-82-5	n-Heptane	ND		ug/m ³	7.9	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
110-54-3	n-Hexane	9.5		ug/m ³	6.8	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
95-47-6	o-Xylene	ND		ug/m ³	8.4	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	17	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.5	19.33	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 22:28	AS
115-07-1	* Propylene	ND		ug/m ³	3.3	19.33	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 22:28	AS
100-42-5	Styrene	ND		ug/m ³	8.2	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
127-18-4	Tetrachloroethylene	5600		ug/m ³	26	38.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 11:02	AS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	19.33	EPA TO-15 Certifications:	04/18/2022 06:59	04/18/2022 22:28	AS
108-88-3	Toluene	8.0		ug/m ³	7.3	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.7	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.8	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
79-01-6	Trichloroethylene	ND		ug/m ³	2.6	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-69-4	Trichlorofluoromethane (Freon 11)	12		ug/m ³	11	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
108-05-4	Vinyl acetate	ND		ug/m ³	6.8	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
593-60-2	Vinyl bromide	ND		ug/m ³	8.5	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	2.5	19.33	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/18/2022 22:28	AS



Sample Information

Client Sample ID: SG-2 AI

York Sample ID: 22D0085-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 2:11 pm

04/04/2022

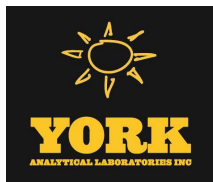
Volatile Organics, EPA TO15 Full List

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	0.67	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.54	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.67	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.75	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.54	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.097	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.73	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
95-63-6	1,2,4-Trimethylbenzene	0.48		ug/m ³	0.48	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.75	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.59	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.45	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.69	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.48	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.65	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.59	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.45	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.59	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.71	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
78-93-3	2-Butanone	2.4		ug/m ³	0.29	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.80	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
107-05-1	3-Chloropropene	ND		ug/m ³	1.5	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS



Sample Information

Client Sample ID: SG-2 AI

York Sample ID: 22D0085-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 2:11 pm

04/04/2022

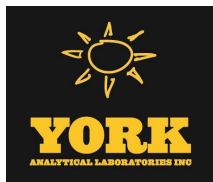
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.40	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
67-64-1	Acetone	73		ug/m ³	0.47	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.21	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
71-43-2	Benzene	0.66		ug/m ³	0.31	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
100-44-7	Benzyl chloride	ND		ug/m ³	0.51	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.66	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-25-2	Bromoform	ND		ug/m ³	1.0	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
74-83-9	Bromomethane	ND		ug/m ³	0.38	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
56-23-5	Carbon tetrachloride	0.43	TO-CC V, TO-LCS -H	ug/m ³	0.15	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
108-90-7	Chlorobenzene	ND		ug/m ³	0.45	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-00-3	Chloroethane	ND		ug/m ³	0.26	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
67-66-3	Chloroform	ND		ug/m ³	0.48	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
74-87-3	Chloromethane	1.9		ug/m ³	0.20	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.097	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
110-82-7	Cyclohexane	ND		ug/m ³	0.34	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.84	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-71-8	Dichlorodifluoromethane	3.3		ug/m ³	0.49	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.71	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.43	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.0	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS



Sample Information

Client Sample ID: SG-2 AI

York Sample ID: 22D0085-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 2:11 pm

04/04/2022

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
67-63-0	Isopropanol	18		ug/m ³	0.48	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.40	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.35	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-09-2	Methylene chloride	2.8		ug/m ³	0.68	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
142-82-5	n-Heptane	0.68		ug/m ³	0.40	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
110-54-3	n-Hexane	0.69		ug/m ³	0.35	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
95-47-6	o-Xylene	ND		ug/m ³	0.43	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
179601-23-1	p- & m- Xylenes	0.94		ug/m ³	0.85	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.48	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
100-42-5	Styrene	ND		ug/m ³	0.42	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
127-18-4	Tetrachloroethylene	12		ug/m ³	0.67	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
109-99-9	* Tetrahydrofuran	1.0		ug/m ³	0.58	0.981	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 00:26	AS
108-88-3	Toluene	1.8		ug/m ³	0.37	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.39	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
79-01-6	Trichloroethylene	ND		ug/m ³	0.13	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-69-4	Trichlorofluoromethane (Freon 11)	13		ug/m ³	0.55	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.43	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.13	0.981	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 00:26	AS



Sample Information

Client Sample ID: SG-3

York Sample ID: 22D0085-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:30 pm

04/04/2022

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	1.1	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.85	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.85	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.63	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.15	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
95-63-6	1,2,4-Trimethylbenzene	1.5		ug/m ³	0.76	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.94	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.63	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.72	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.76	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	1.0	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.94	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.72	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.94	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
78-93-3	2-Butanone	4.2		ug/m ³	0.46	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
107-05-1	3-Chloropropene	ND		ug/m ³	2.4	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS



Sample Information

Client Sample ID: SG-3

York Sample ID: 22D0085-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:30 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	0.83		ug/m ³	0.64	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
67-64-1	Acetone	14		ug/m ³	0.74	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.34	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
71-43-2	Benzene	0.65		ug/m ³	0.50	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
100-44-7	Benzyl chloride	ND		ug/m ³	0.81	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-25-2	Bromoform	ND		ug/m ³	1.6	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
74-83-9	Bromomethane	ND		ug/m ³	0.60	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.48	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
56-23-5	Carbon tetrachloride	0.69	TO-CC V, TO-LCS -H	ug/m ³	0.24	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
108-90-7	Chlorobenzene	ND		ug/m ³	0.72	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-00-3	Chloroethane	ND		ug/m ³	0.41	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
67-66-3	Chloroform	ND		ug/m ³	0.76	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
74-87-3	Chloromethane	1.1		ug/m ³	0.32	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.15	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.71	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
110-82-7	Cyclohexane	ND		ug/m ³	0.54	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-71-8	Dichlorodifluoromethane	11		ug/m ³	0.77	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
141-78-6	* Ethyl acetate	2.1		ug/m ³	1.1	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
100-41-4	Ethyl Benzene	1.1		ug/m ³	0.68	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.7	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS



Sample Information

Client Sample ID: SG-3

York Sample ID: 22D0085-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:30 pm

04/04/2022

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
67-63-0	Isopropanol	18		ug/m ³	0.76	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.64	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.56	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-09-2	Methylene chloride	5.7		ug/m ³	1.1	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
142-82-5	n-Heptane	ND		ug/m ³	0.64	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
110-54-3	n-Hexane	2.1		ug/m ³	0.55	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
95-47-6	o-Xylene	1.4		ug/m ³	0.68	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
179601-23-1	p- & m- Xylenes	4.5		ug/m ³	1.4	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
622-96-8	* p-Ethyltoluene	1.5		ug/m ³	0.76	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
115-07-1	* Propylene	ND		ug/m ³	0.27	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
100-42-5	Styrene	0.73		ug/m ³	0.66	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
127-18-4	Tetrachloroethylene	200		ug/m ³	1.1	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
109-99-9	* Tetrahydrofuran	2.0		ug/m ³	0.92	1.556	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 07:48	AS
108-88-3	Toluene	7.3		ug/m ³	0.59	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.62	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.71	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
79-01-6	Trichloroethylene	0.33		ug/m ³	0.21	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-69-4	Trichlorofluoromethane (Freon 11)	3.1		ug/m ³	0.87	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.55	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.68	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.20	1.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 07:48	AS



Sample Information

Client Sample ID: SG-3 AI

York Sample ID: 22D0085-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:35 pm

04/04/2022

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	0.57	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.45	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.57	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.64	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.45	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.34	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.082	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.62	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.41	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.64	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.50	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.34	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.58	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.41	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.55	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.50	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.50	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.60	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
78-93-3	2-Butanone	1.9		ug/m ³	0.24	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.68	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS



Sample Information

Client Sample ID: SG-3 AI

York Sample ID: 22D0085-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:35 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.34	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
67-64-1	Acetone	40		ug/m ³	0.39	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
71-43-2	Benzene	0.53		ug/m ³	0.27	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
100-44-7	Benzyl chloride	ND		ug/m ³	0.43	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.56	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-25-2	Bromoform	ND		ug/m ³	0.86	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
74-83-9	Bromomethane	ND		ug/m ³	0.32	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.26	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
56-23-5	Carbon tetrachloride	0.47	TO-CC V, TO-LCS -H	ug/m ³	0.13	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
108-90-7	Chlorobenzene	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-00-3	Chloroethane	ND		ug/m ³	0.22	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
67-66-3	Chloroform	0.45		ug/m ³	0.41	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
74-87-3	Chloromethane	1.8		ug/m ³	0.17	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.082	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
110-82-7	Cyclohexane	0.34		ug/m ³	0.29	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.71	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-71-8	Dichlorodifluoromethane	9.0		ug/m ³	0.41	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
141-78-6	* Ethyl acetate	1.2		ug/m ³	0.60	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.36	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.89	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS



Sample Information

Client Sample ID: SG-3 AI

York Sample ID: 22D0085-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:35 pm

04/04/2022

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
67-63-0	Isopropanol	230	E, TO-IPA	ug/m ³	0.41	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.34	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.30	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-09-2	Methylene chloride	1.1		ug/m ³	0.58	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
142-82-5	n-Heptane	3.8		ug/m ³	0.34	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
110-54-3	n-Hexane	0.47		ug/m ³	0.29	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
95-47-6	o-Xylene	ND		ug/m ³	0.36	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.72	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.41	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
115-07-1	* Propylene	ND		ug/m ³	0.14	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
100-42-5	Styrene	ND		ug/m ³	0.35	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
127-18-4	Tetrachloroethylene	56		ug/m ³	0.56	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
109-99-9	* Tetrahydrofuran	1.8		ug/m ³	0.49	0.83	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 01:25	AS
108-88-3	Toluene	1.0		ug/m ³	0.31	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.33	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-69-4	Trichlorofluoromethane (Freon 11)	41		ug/m ³	0.47	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.29	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.36	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.83	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 01:25	AS



Sample Information

Client Sample ID: SG-4

York Sample ID: 22D0085-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:27 pm

04/04/2022

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	5.7	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	4.5	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	5.7	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	6.4	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	4.5	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	3.4	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.83	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	6.2	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	4.1	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	6.4	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	5.0	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	3.4	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	3.9	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	5.8	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	4.1	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	5.5	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	5.0	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	3.9	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	5.0	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	6.0	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
78-93-3	2-Butanone	4.7		ug/m ³	2.5	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	6.8	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
107-05-1	3-Chloropropene	ND		ug/m ³	13	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS



Sample Information

Client Sample ID: SG-4

York Sample ID: 22D0085-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:27 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	3.4	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
67-64-1	Acetone	20		ug/m ³	4.0	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
107-13-1	Acrylonitrile	ND		ug/m ³	1.8	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
71-43-2	Benzene	ND		ug/m ³	2.7	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
100-44-7	Benzyl chloride	ND		ug/m ³	4.3	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	5.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-25-2	Bromoform	ND		ug/m ³	8.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
74-83-9	Bromomethane	ND		ug/m ³	3.2	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-15-0	Carbon disulfide	ND		ug/m ³	2.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
56-23-5	Carbon tetrachloride	ND		ug/m ³	1.3	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
108-90-7	Chlorobenzene	ND		ug/m ³	3.8	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-00-3	Chloroethane	ND		ug/m ³	2.2	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
67-66-3	Chloroform	ND		ug/m ³	4.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
74-87-3	Chloromethane	ND		ug/m ³	1.7	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.83	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	3.8	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
110-82-7	Cyclohexane	ND		ug/m ³	2.9	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	7.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-71-8	Dichlorodifluoromethane	760		ug/m ³	4.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
141-78-6	* Ethyl acetate	ND		ug/m ³	6.0	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
100-41-4	Ethyl Benzene	ND		ug/m ³	3.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	8.9	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
67-63-0	Isopropanol	ND		ug/m ³	4.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS



Sample Information

Client Sample ID: SG-4

York Sample ID: 22D0085-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:27 pm

04/04/2022

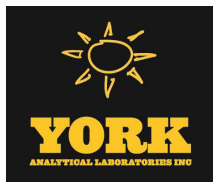
Volatile Organics, EPA TO15 Full List

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	3.4	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	3.0	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-09-2	Methylene chloride	ND		ug/m ³	5.8	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
142-82-5	n-Heptane	ND		ug/m ³	3.4	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
110-54-3	n-Hexane	ND		ug/m ³	2.9	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
95-47-6	o-Xylene	ND		ug/m ³	3.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	7.2	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	4.1	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
115-07-1	* Propylene	ND		ug/m ³	1.4	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
100-42-5	Styrene	ND		ug/m ³	3.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
127-18-4	Tetrachloroethylene	2500		ug/m ³	5.7	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	4.9	8.335	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 08:35	AS
108-88-3	Toluene	5.0		ug/m ³	3.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	3.3	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	3.8	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
79-01-6	Trichloroethylene	ND		ug/m ³	1.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-69-4	Trichlorofluoromethane (Freon 11)	20		ug/m ³	4.7	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
108-05-4	Vinyl acetate	ND		ug/m ³	2.9	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
593-60-2	Vinyl bromide	ND		ug/m ³	3.6	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	1.1	8.335	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 08:35	AS



Sample Information

Client Sample ID: SG-4 AI

York Sample ID: 22D0085-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:25 pm

04/04/2022

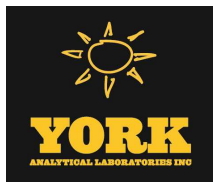
Volatile Organics, EPA TO15 Full List

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	0.61	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.48	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.61	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.68	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.48	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.36	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.088	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.66	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.44	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.68	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.53	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
107-06-2	1,2-Dichloroethane	0.39		ug/m ³	0.36	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.41	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.62	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.44	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.59	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.53	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.41	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.53	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.64	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
78-93-3	2-Butanone	1.9		ug/m ³	0.26	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.73	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.885	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 02:24	AS



Sample Information

Client Sample ID: SG-4 AI

York Sample ID: 22D0085-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:25 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.36	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
67-64-1	Acetone	39		ug/m ³	0.42	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.19	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
71-43-2	Benzene	0.62		ug/m ³	0.28	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
100-44-7	Benzyl chloride	ND		ug/m ³	0.46	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.59	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-25-2	Bromoform	ND		ug/m ³	0.91	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
74-83-9	Bromomethane	ND		ug/m ³	0.34	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.28	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
56-23-5	Carbon tetrachloride	0.50	TO-CC V, TO-LCS -H	ug/m ³	0.14	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
108-90-7	Chlorobenzene	ND		ug/m ³	0.41	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-00-3	Chloroethane	ND		ug/m ³	0.23	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
67-66-3	Chloroform	0.91		ug/m ³	0.43	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
74-87-3	Chloromethane	2.0		ug/m ³	0.18	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.088	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
110-82-7	Cyclohexane	0.79		ug/m ³	0.30	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.75	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-71-8	Dichlorodifluoromethane	21		ug/m ³	0.44	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
141-78-6	* Ethyl acetate	1.5		ug/m ³	0.64	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.38	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.94	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS



Sample Information

Client Sample ID: SG-4 AI

York Sample ID: 22D0085-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:25 pm

04/04/2022

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
67-63-0	Isopropanol	230	E, TO-IPA	ug/m ³	0.44	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.36	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.32	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-09-2	Methylene chloride	9.0		ug/m ³	0.61	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
142-82-5	n-Heptane	11		ug/m ³	0.36	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
110-54-3	n-Hexane	0.94		ug/m ³	0.31	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
95-47-6	o-Xylene	ND		ug/m ³	0.38	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
179601-23-1	p- & m- Xylenes	0.81		ug/m ³	0.77	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.44	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
115-07-1	* Propylene	ND		ug/m ³	0.15	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
100-42-5	Styrene	0.45		ug/m ³	0.38	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
127-18-4	Tetrachloroethylene	180		ug/m ³	0.60	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
109-99-9	* Tetrahydrofuran	2.2		ug/m ³	0.52	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
108-88-3	Toluene	1.7		ug/m ³	0.33	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.35	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
79-01-6	Trichloroethylene	0.19		ug/m ³	0.12	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-69-4	Trichlorofluoromethane (Freon 11)	120		ug/m ³	0.50	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.31	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.39	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.885	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 02:24	AS



Sample Information

Client Sample ID: SG-5

York Sample ID: 22D0085-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:39 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	2.0	2.842	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 09:25	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.6	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.6	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.28	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	2.1	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
95-63-6	1,2,4-Trimethylbenzene	1.4		ug/m ³	1.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.7	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.3	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	1.9	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.7	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.3	2.842	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 09:25	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.7	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	2.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
78-93-3	2-Butanone	4.2		ug/m ³	0.84	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	2.3	2.842	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 09:25	AS
107-05-1	3-Chloropropene	ND		ug/m ³	4.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS



Sample Information

Client Sample ID: SG-5

York Sample ID: 22D0085-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:39 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
67-64-1	Acetone	10		ug/m ³	1.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.62	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
71-43-2	Benzene	ND		ug/m ³	0.91	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
100-44-7	Benzyl chloride	ND		ug/m ³	1.5	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	1.9	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-25-2	Bromoform	ND		ug/m ³	2.9	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
74-83-9	Bromomethane	ND		ug/m ³	1.1	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.89	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
56-23-5	Carbon tetrachloride	0.54	TO-CC V, TO-LCS -H	ug/m ³	0.45	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
108-90-7	Chlorobenzene	ND		ug/m ³	1.3	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-00-3	Chloroethane	ND		ug/m ³	0.75	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
67-66-3	Chloroform	ND		ug/m ³	1.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
74-87-3	Chloromethane	1.1		ug/m ³	0.59	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.28	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.3	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
110-82-7	Cyclohexane	ND		ug/m ³	0.98	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	2.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-71-8	Dichlorodifluoromethane	140		ug/m ³	1.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
141-78-6	* Ethyl acetate	ND		ug/m ³	2.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
100-41-4	Ethyl Benzene	1.2		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	3.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS



Sample Information

Client Sample ID: SG-5

York Sample ID: 22D0085-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 1, 2022 1:39 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	9.9		ug/m ³	1.4	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
80-62-6	Methyl Methacrylate	1.7		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-09-2	Methylene chloride	190		ug/m ³	2.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
142-82-5	n-Heptane	1.5		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
110-54-3	n-Hexane	7.4		ug/m ³	1.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
95-47-6	o-Xylene	1.5		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
179601-23-1	p- & m- Xylenes	5.1		ug/m ³	2.5	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
622-96-8	* p-Ethyltoluene	1.4		ug/m ³	1.4	2.842	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 09:25	AS
115-07-1	* Propylene	ND		ug/m ³	0.49	2.842	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 09:25	AS
100-42-5	Styrene	ND		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
127-18-4	Tetrachloroethylene	500		ug/m ³	1.9	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
109-99-9	* Tetrahydrofuran	2.0		ug/m ³	1.7	2.842	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 09:25	AS
108-88-3	Toluene	9.3		ug/m ³	1.1	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.1	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.3	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
79-01-6	Trichloroethylene	1.4		ug/m ³	0.38	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-69-4	Trichlorofluoromethane (Freon 11)	17		ug/m ³	1.6	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
108-05-4	Vinyl acetate	ND		ug/m ³	1.0	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
593-60-2	Vinyl bromide	ND		ug/m ³	1.2	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.36	2.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 09:25	AS



Sample Information

Client Sample ID: SG-5 AI

York Sample ID: 22D0085-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:37 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.53	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.42	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.53	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.59		ug/m ³	0.59	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.42	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.31	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.076	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.57	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.38	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.59	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.46	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
107-06-2	1,2-Dichloroethane	1.5		ug/m ³	0.31	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.35	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.54	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.38	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.51	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.46	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.35	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.46	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.55	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
78-93-3	2-Butanone	1.9		ug/m ³	0.23	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.63	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS



Sample Information

Client Sample ID: SG-5 AI

York Sample ID: 22D0085-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:37 pm

04/04/2022

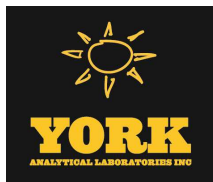
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.31	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
67-64-1	Acetone	29		ug/m ³	0.36	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.17	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
71-43-2	Benzene	0.64		ug/m ³	0.24	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
100-44-7	Benzyl chloride	ND		ug/m ³	0.40	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.51	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-25-2	Bromoform	ND		ug/m ³	0.79	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
74-83-9	Bromomethane	ND		ug/m ³	0.30	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.24	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
56-23-5	Carbon tetrachloride	0.58	TO-CC V, TO-LCS -H	ug/m ³	0.12	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
108-90-7	Chlorobenzene	ND		ug/m ³	0.35	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-00-3	Chloroethane	ND		ug/m ³	0.20	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
67-66-3	Chloroform	0.71		ug/m ³	0.37	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
74-87-3	Chloromethane	1.9		ug/m ³	0.16	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.076	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
110-82-7	Cyclohexane	0.32		ug/m ³	0.26	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.65	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-71-8	Dichlorodifluoromethane	8.5		ug/m ³	0.38	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
141-78-6	* Ethyl acetate	1.8		ug/m ³	0.55	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
100-41-4	Ethyl Benzene	0.33		ug/m ³	0.33	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.82	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS



Sample Information

Client Sample ID: SG-5 AI

York Sample ID: 22D0085-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Indoor Ambient Air

April 1, 2022 1:37 pm

04/04/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	240	E, TO-IPA	ug/m ³	0.38	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.31	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.28	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-09-2	Methylene chloride	57		ug/m ³	0.53	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
142-82-5	n-Heptane	5.3		ug/m ³	0.31	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
110-54-3	n-Hexane	2.5		ug/m ³	0.27	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
95-47-6	o-Xylene	0.37		ug/m ³	0.33	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
179601-23-1	p- & m- Xylenes	0.93		ug/m ³	0.67	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.38	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
115-07-1	* Propylene	ND		ug/m ³	0.13	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
100-42-5	Styrene	0.42		ug/m ³	0.33	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
127-18-4	Tetrachloroethylene	74		ug/m ³	0.52	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.45	0.766	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 03:23	AS
108-88-3	Toluene	1.9		ug/m ³	0.29	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.30	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.35	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
79-01-6	Trichloroethylene	0.33		ug/m ³	0.10	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-69-4	Trichlorofluoromethane (Freon 11)	32		ug/m ³	0.43	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.27	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.34	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS
75-01-4	Vinyl Chloride	0.098		ug/m ³	0.098	0.766	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 03:23	AS



Sample Information

Client Sample ID: AO-1

York Sample ID: 22D0085-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Outdoor Ambient Air

April 1, 2022 1:45 pm

04/04/2022

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	0.61	0.884	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 04:22	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.48	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.61	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.68	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.48	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.36	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.088	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.66	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.43	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.68	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.53	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.36	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.41	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.62	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.43	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.59	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.53	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.41	0.884	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 04:22	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.53	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.64	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
78-93-3	2-Butanone	0.81		ug/m ³	0.26	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.72	0.884	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 04:22	AS
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.884	EPA TO-15 Certifications:	04/18/2022 06:59 NELAC-NY12058,NJDEP-Queens	04/19/2022 04:22	AS



Sample Information

Client Sample ID: AO-1

York Sample ID: 22D0085-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Outdoor Ambient Air

April 1, 2022 1:45 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.36	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
67-64-1	Acetone	32		ug/m ³	0.42	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
107-13-1	Acrylonitrile	ND		ug/m ³	0.19	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
71-43-2	Benzene	0.34		ug/m ³	0.28	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
100-44-7	Benzyl chloride	ND		ug/m ³	0.46	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.59	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-25-2	Bromoform	ND		ug/m ³	0.91	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
74-83-9	Bromomethane	ND		ug/m ³	0.34	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-15-0	Carbon disulfide	ND		ug/m ³	0.28	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
56-23-5	Carbon tetrachloride	0.50	TO-CC V, TO-LCS -H	ug/m ³	0.14	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
108-90-7	Chlorobenzene	ND		ug/m ³	0.41	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-00-3	Chloroethane	ND		ug/m ³	0.23	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
67-66-3	Chloroform	ND		ug/m ³	0.43	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
74-87-3	Chloromethane	1.5		ug/m ³	0.18	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.088	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
110-82-7	Cyclohexane	ND		ug/m ³	0.30	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.75	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-71-8	Dichlorodifluoromethane	2.8		ug/m ³	0.44	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
141-78-6	* Ethyl acetate	ND		ug/m ³	0.64	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
100-41-4	Ethyl Benzene	ND		ug/m ³	0.38	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.94	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS



Sample Information

Client Sample ID: AO-1

York Sample ID: 22D0085-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0085

356060 65 Albany Avenue Kingston, New York

Outdoor Ambient Air

April 1, 2022 1:45 pm

04/04/2022

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
67-63-0	Isopropanol	1.1		ug/m ³	0.43	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.36	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.32	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-09-2	Methylene chloride	1.4		ug/m ³	0.61	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
142-82-5	n-Heptane	ND		ug/m ³	0.36	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
110-54-3	n-Hexane	ND		ug/m ³	0.31	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
95-47-6	o-Xylene	ND		ug/m ³	0.38	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.77	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.43	0.884	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 04:22	AS
115-07-1	* Propylene	ND		ug/m ³	0.15	0.884	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 04:22	AS
100-42-5	Styrene	ND		ug/m ³	0.38	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.60	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
109-99-9	* Tetrahydrofuran	0.76		ug/m ³	0.52	0.884	EPA TO-15 Certifications:	04/18/2022 06:59	04/19/2022 04:22	AS
108-88-3	Toluene	0.53		ug/m ³	0.33	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.35	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
79-01-6	Trichloroethylene	ND		ug/m ³	0.12	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.50	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
108-05-4	Vinyl acetate	ND		ug/m ³	0.31	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
593-60-2	Vinyl bromide	ND		ug/m ³	0.39	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.884	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/18/2022 06:59	04/19/2022 04:22	AS



Analytical Batch Summary

Batch ID: BD21009

Preparation Method: EPA TO15 PREP

Prepared By: BMC

YORK Sample ID	Client Sample ID	Preparation Date
22D0085-01	SG-1	04/18/22
22D0085-02	SG-1 AI	04/18/22
22D0085-02RE1	SG-1 AI	04/18/22
22D0085-03	SG-2	04/18/22
22D0085-03RE1	SG-2	04/18/22
22D0085-04	SG-2 AI	04/18/22
22D0085-05	SG-3	04/18/22
22D0085-06	SG-3 AI	04/18/22
22D0085-07	SG-4	04/18/22
22D0085-08	SG-4 AI	04/18/22
22D0085-09	SG-5	04/18/22
22D0085-10	SG-5 AI	04/18/22
22D0085-11	AO-1	04/18/22
BD21009-BLK1	Blank	04/18/22
BD21009-BS1	LCS	04/18/22
BD21009-DUP1	Duplicate	04/18/22



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21009 - EPA TO15 PREP

Blank (BD21009-BLK1)

Prepared & Analyzed: 04/18/2022

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21009 - EPA TO15 PREP

Blank (BD21009-BLK1)

Prepared & Analyzed: 04/18/2022

n-Heptane	ND	0.41	ug/m ³
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BD21009-BS1)

Prepared & Analyzed: 04/18/2022

1,1,1,2-Tetrachloroethane	12.4		ppbv	10.0	124	70-130	
1,1,1-Trichloroethane	12.2		"	10.0	122	70-130	
1,1,2,2-Tetrachloroethane	11.9		"	10.0	119	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0	123	70-130	
1,1,2-Trichloroethane	11.7		"	10.0	117	70-130	
1,1-Dichloroethane	12.0		"	10.0	120	70-130	
1,1-Dichloroethylene	12.3		"	10.0	123	70-130	
1,2,4-Trichlorobenzene	8.13		"	10.0	81.3	70-130	
1,2,4-Trimethylbenzene	11.9		"	10.0	119	70-130	
1,2-Dibromoethane	11.7		"	10.0	117	70-130	
1,2-Dichlorobenzene	12.4		"	10.0	124	70-130	
1,2-Dichloroethane	12.5		"	10.0	125	70-130	
1,2-Dichloropropane	11.6		"	10.0	116	70-130	
1,2-Dichlorotetrafluoroethane	11.9		"	10.0	119	70-130	
1,3,5-Trimethylbenzene	11.9		"	10.0	119	70-130	
1,3-Butadiene	11.6		"	10.0	116	70-130	
1,3-Dichlorobenzene	12.8		"	10.0	128	70-130	
1,3-Dichloropropane	11.7		"	10.0	117	70-130	
1,4-Dichlorobenzene	12.7		"	10.0	127	70-130	
1,4-Dioxane	10.6		"	10.0	106	70-130	
2-Butanone	11.7		"	10.0	117	70-130	
2-Hexanone	10.7		"	10.0	107	70-130	
3-Chloropropene	11.9		"	10.0	119	70-130	
4-Methyl-2-pentanone	11.2		"	10.0	112	70-130	
Acetone	10.8		"	10.0	108	70-130	
Acrylonitrile	11.2		"	10.0	112	70-130	
Benzene	11.8		"	10.0	118	70-130	
Benzyl chloride	8.93		"	10.0	89.3	70-130	
Bromodichloromethane	12.3		"	10.0	123	70-130	
Bromoform	13.5		"	10.0	135	70-130	High Bias
Bromomethane	12.4		"	10.0	124	70-130	
Carbon disulfide	12.0		"	10.0	120	70-130	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21009 - EPA TO15 PREP

LCS (BD21009-BS1)

Prepared & Analyzed: 04/18/2022

Carbon tetrachloride	13.2		ppbv	10.0		132	70-130	High Bias
Chlorobenzene	11.9		"	10.0		119	70-130	
Chloroethane	12.0		"	10.0		120	70-130	
Chloroform	12.1		"	10.0		121	70-130	
Chloromethane	11.1		"	10.0		111	70-130	
cis-1,2-Dichloroethylene	11.7		"	10.0		117	70-130	
cis-1,3-Dichloropropylene	11.8		"	10.0		118	70-130	
Cyclohexane	11.7		"	10.0		117	70-130	
Dibromochloromethane	12.7		"	10.0		127	70-130	
Dichlorodifluoromethane	11.7		"	10.0		117	70-130	
Ethyl acetate	11.7		"	10.0		117	70-130	
Ethyl Benzene	12.0		"	10.0		120	70-130	
Hexachlorobutadiene	12.2		"	10.0		122	70-130	
Isopropanol	10.7		"	10.0		107	70-130	
Methyl Methacrylate	11.4		"	10.0		114	70-130	
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	70-130	
Methylene chloride	10.8		"	10.0		108	70-130	
n-Heptane	12.1		"	10.0		121	70-130	
n-Hexane	12.0		"	10.0		120	70-130	
o-Xylene	12.0		"	10.0		120	70-130	
p- & m- Xylenes	24.5		"	20.0		123	70-130	
p-Ethyltoluene	12.4		"	10.0		124	70-130	
Propylene	11.0		"	10.0		110	70-130	
Styrene	12.3		"	10.0		123	70-130	
Tetrachloroethylene	10.3		"	10.0		103	70-130	
Tetrahydrofuran	9.82		"	10.0		98.2	70-130	
Toluene	11.6		"	10.0		116	70-130	
trans-1,2-Dichloroethylene	12.1		"	10.0		121	70-130	
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130	
Trichloroethylene	11.9		"	10.0		119	70-130	
Trichlorofluoromethane (Freon 11)	12.6		"	10.0		126	70-130	
Vinyl acetate	11.2		"	10.0		112	70-130	
Vinyl bromide	12.2		"	10.0		122	70-130	
Vinyl Chloride	11.3		"	10.0		113	70-130	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21009 - EPA TO15 PREP											
Duplicate (BD21009-DUP1)	*Source sample: 22D0085-11 (AO-1)						Prepared: 04/18/2022 Analyzed: 04/19/2022				
1,1,1,2-Tetrachloroethane	ND	0.61	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.48	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.61	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.68	"		ND					25	
1,1,2-Trichloroethane	ND	0.48	"		ND					25	
1,1-Dichloroethane	ND	0.36	"		ND					25	
1,1-Dichloroethylene	ND	0.088	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.66	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.43	"		ND					25	
1,2-Dibromoethane	ND	0.68	"		ND					25	
1,2-Dichlorobenzene	ND	0.53	"		ND					25	
1,2-Dichloroethane	ND	0.36	"		ND					25	
1,2-Dichloropropane	ND	0.41	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.62	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.43	"		ND					25	
1,3-Butadiene	ND	0.59	"		ND					25	
1,3-Dichlorobenzene	ND	0.53	"		ND					25	
1,3-Dichloropropane	ND	0.41	"		ND					25	
1,4-Dichlorobenzene	ND	0.53	"		ND					25	
1,4-Dioxane	ND	0.64	"		ND					25	
2-Butanone	0.86	0.26	"		0.81				6.25	25	
2-Hexanone	ND	0.72	"		ND					25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	ND	0.36	"		ND					25	
Acetone	32	0.42	"		32				0.463	25	
Acrylonitrile	ND	0.19	"		ND					25	
Benzene	0.34	0.28	"		0.34				0.00	25	
Benzyl chloride	ND	0.46	"		ND					25	
Bromodichloromethane	ND	0.59	"		ND					25	
Bromoform	ND	0.91	"		ND					25	
Bromomethane	ND	0.34	"		ND					25	
Carbon disulfide	ND	0.28	"		ND					25	
Carbon tetrachloride	0.50	0.14	"		0.50				0.00	25	
Chlorobenzene	ND	0.41	"		ND					25	
Chloroethane	ND	0.23	"		ND					25	
Chloroform	ND	0.43	"		ND					25	
Chloromethane	1.6	0.18	"		1.5				3.51	25	
cis-1,2-Dichloroethylene	ND	0.088	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.40	"		ND					25	
Cyclohexane	ND	0.30	"		ND					25	
Dibromochloromethane	ND	0.75	"		ND					25	
Dichlorodifluoromethane	2.7	0.44	"		2.8				4.80	25	
Ethyl acetate	ND	0.64	"		ND					25	
Ethyl Benzene	ND	0.38	"		ND					25	
Hexachlorobutadiene	ND	0.94	"		ND					25	
Isopropanol	1.0	0.43	"		1.1				6.06	25	
Methyl Methacrylate	ND	0.36	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.32	"		ND					25	
Methylene chloride	1.4	0.61	"		1.4				2.25	25	
n-Heptane	0.18	0.36	"		0.18				0.00	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21009 - EPA TO15 PREP

Duplicate (BD21009-DUP1)		*Source sample: 22D0085-11 (AO-1)				Prepared: 04/18/2022 Analyzed: 04/19/2022					
n-Hexane	ND	0.31	ug/m ³		ND						25
o-Xylene	0.12	0.38	"		0.12				0.00		25
p- & m- Xylenes	ND	0.77	"		ND						25
p-Ethyltoluene	ND	0.43	"		ND						25
Propylene	ND	0.15	"		ND						25
Styrene	ND	0.38	"		ND						25
Tetrachloroethylene	ND	0.60	"		ND						25
Tetrahydrofuran	0.78	0.52	"		0.76				3.39		25
Toluene	0.57	0.33	"		0.53				6.06		25
trans-1,2-Dichloroethylene	ND	0.35	"		ND						25
trans-1,3-Dichloropropylene	ND	0.40	"		ND						25
Trichloroethylene	ND	0.12	"		ND						25
Trichlorofluoromethane (Freon 11)	1.4	0.50	"		1.4				0.00		25
Vinyl acetate	ND	0.31	"		ND						25
Vinyl bromide	ND	0.39	"		ND						25
Vinyl Chloride	ND	0.11	"		ND						25





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
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.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record - AIR

YORK Project No.
2210085

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

Page 1 of 2

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	DT Consulting Services Inc.	Company:	Same	Company:	Same	356060		RUSH - Next Day	
Address:		Address:		Address:				RUSH - Two Day	
Phone:		Phone:		Phone:				RUSH - Three Day	
Contact:		Contact:		Contact:				RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day)	
YOUR Project Name		YOUR Project Name		YOUR Project Name		YOUR Project Name		YOUR Project Name	
666 Albany Avenue		666 Albany Avenue		666 Albany Avenue		666 Albany Avenue		666 Albany Avenue	
Kingston, New York		Kingston, New York		Kingston, New York		Kingston, New York		Kingston, New York	
YOUR PO#:		YOUR PO#:		YOUR PO#:		YOUR PO#:		YOUR PO#:	

Air Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
AI - Indoor Ambient Air		New York		Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air		New Jersey		QA Report	CT RCP DQ/DUE	EQUS (Standard)	
AE - Vapor Extraction Well/Process Gas/Effluent		Connecticut		NY ASP A Package	NUDEP Reduced Deliv.	NYSDEC EQUS	
AS - Soil Vapor/Sub-Slab		Pennsylvania		NY ASP B Package	NUDKQP	NUDEP SRP HazSite	
Other:							

Please enter the following REQUIRED Field Data				Reporting Units: ug/m ³ ✓ ppbv ___ ppmv ___	
Sample Identification	Date/Time Sampled	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID
SG-1 AI	4/1/22 2:00 pm	-30	10	37013	12185
SG-1 AI	4/1/22 2:00 pm	-28	2	37424	7095
SG-2 AI	4/1/22 2:00 pm	-28	10	36999	5707
SG-2 AI	4/1/22 2:00 pm	-30	8	42994	7360
SG-3 AI	4/1/22 2:00 pm	-30	5	37405	4485
SG-3 AI	4/1/22 2:00 pm	-30	4	42997	3351
SG-4 AI	4/1/22 2:00 pm	-30	5	41839	7609
SG-4 AI	4/1/22 2:00 pm	-30	5	37805	7417
SG-5 AI	4/1/22 2:00 pm	-26.5	3	23993	13572
SG-5 AI	4/1/22 2:00 pm	-30	2	37785	13560

Comments:		Detection Limits Required		Sampling Media	
		≤ 1 ug/m ³ ✓ NYSDEC V1 Limits		6 Liter Canister	
		Routine Survey		Tedlar Bag	
Samples Relinquished by / Company		Samples Relinquished by / Company		Date/Time	
Deborah Thompson		Andrew S. York		4/14/22	
Date/Time		Date/Time		Date/Time	
4/1/22		4/14/22		04/14/22	
Date/Time		Date/Time		Date/Time	
4/1/22		4/14/22		14:43	

Field Chain-of-Custody Record - AIR

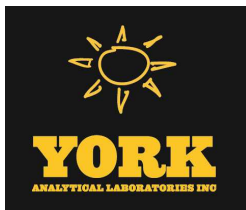
YORK Project No. 22D0085

This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

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Page 2 of 2

APPENDIX C
EXTRACTED VAPOR LABORATORY ANALYTICAL REPORT (PPM)



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 05/04/2022

Client Project ID: 356060 65 Albany Avenue Kingston, New York

York Project (SDG) No.: 22D0083

Revision No. 2.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/04/2022
Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0083

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2022 and listed below. The project was identified as your project: **356060 65 Albany Avenue Kingston, New York**.

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>
22D0083-01	EW-1	Soil Vapor	04/03/2022	04/04/2022
22D0083-02	EW-2	Soil Vapor	04/03/2022	04/04/2022
22D0083-03	EW-3	Soil Vapor	04/03/2022	04/04/2022
22D0083-04	EW-4	Soil Vapor	04/03/2022	04/04/2022
22D0083-05	EW-5	Soil Vapor	04/03/2022	04/04/2022

General Notes for York Project (SDG) No.: 22D0083

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: 

Date: 05/04/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: EW-1

York Sample ID: 22D0083-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 10:23 am

04/04/2022

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		ppmv	0.00033	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-34-3	1,1-Dichloroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-35-4	1,1-Dichloroethylene	ND		ppmv	0.000083	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
106-93-4	1,2-Dibromoethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
107-06-2	1,2-Dichloroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
78-87-5	1,2-Dichloropropane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
106-99-0	1,3-Butadiene	ND		ppmv	0.0010	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
123-91-1	1,4-Dioxane	ND		ppmv	0.00067	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
78-93-3	2-Butanone	0.00047		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
591-78-6	* 2-Hexanone	ND		ppmv	0.00067	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ



Sample Information

Client Sample ID: EW-1

York Sample ID: 22D0083-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 10:23 am

04/04/2022

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		ppmv	0.0017	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
67-64-1	Acetone	0.0042		ppmv	0.00067	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
107-13-1	Acrylonitrile	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
71-43-2	Benzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
100-44-7	Benzyl chloride	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-27-4	Bromodichloromethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-25-2	Bromoform	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
74-83-9	Bromomethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-15-0	Carbon disulfide	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
56-23-5	Carbon tetrachloride	ND		ppmv	0.000083	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-90-7	Chlorobenzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-00-3	Chloroethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
67-66-3	Chloroform	0.0021		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
74-87-3	Chloromethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ppmv	0.000083	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
110-82-7	Cyclohexane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
124-48-1	Dibromochloromethane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-71-8	Dichlorodifluoromethane	0.069		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
141-78-6	* Ethyl acetate	ND		ppmv	0.00067	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
100-41-4	Ethyl Benzene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
87-68-3	Hexachlorobutadiene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ



Sample Information

Client Sample ID: EW-1

York Sample ID: 22D0083-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 10:23 am

04/04/2022

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
67-63-0	Isopropanol	ND		ppmv	0.00067	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
80-62-6	Methyl Methacrylate	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-09-2	Methylene chloride	0.0033		ppmv	0.00067	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
142-82-5	n-Heptane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
110-54-3	n-Hexane	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
95-47-6	o-Xylene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
179601-23-1	p- & m- Xylenes	0.00067		ppmv	0.00067	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
622-96-8	* p-Ethyltoluene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
115-07-1	* Propylene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
100-42-5	Styrene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
127-18-4	Tetrachloroethylene	0.15		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
109-99-9	* Tetrahydrofuran	0.0027		ppmv	0.00067	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-88-3	Toluene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
79-01-6	Trichloroethylene	ND		ppmv	0.000083	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	0.00070		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-05-4	Vinyl acetate	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
593-60-2	Vinyl bromide	ND		ppmv	0.00033	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-01-4	Vinyl Chloride	ND		ppmv	0.00017	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ



Sample Information

Client Sample ID: EW-2

York Sample ID: 22D0083-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 11:40 am

04/04/2022

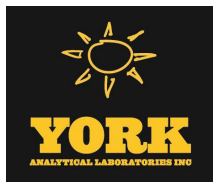
Volatile Organics, EPA TO15 Full List

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		ppmv	0.0017	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-34-3	1,1-Dichloroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-35-4	1,1-Dichloroethylene	ND		ppmv	0.00042	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
106-93-4	1,2-Dibromoethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
107-06-2	1,2-Dichloroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
78-87-5	1,2-Dichloropropane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
106-99-0	1,3-Butadiene	ND		ppmv	0.0050	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
123-91-1	1,4-Dioxane	ND		ppmv	0.0033	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
78-93-3	2-Butanone	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
591-78-6	* 2-Hexanone	ND		ppmv	0.0033	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
107-05-1	3-Chloropropene	ND		ppmv	0.0084	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ



Sample Information

Client Sample ID: EW-2

York Sample ID: 22D0083-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 11:40 am

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
67-64-1	Acetone	0.0070		ppmv	0.0033	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
107-13-1	Acrylonitrile	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
71-43-2	Benzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
100-44-7	Benzyl chloride	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-27-4	Bromodichloromethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-25-2	Bromoform	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
74-83-9	Bromomethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-15-0	Carbon disulfide	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
56-23-5	Carbon tetrachloride	ND		ppmv	0.00042	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-90-7	Chlorobenzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-00-3	Chloroethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
67-66-3	Chloroform	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
74-87-3	Chloromethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ppmv	0.00042	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
110-82-7	Cyclohexane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
124-48-1	Dibromochloromethane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-71-8	Dichlorodifluoromethane	0.0097		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
141-78-6	* Ethyl acetate	ND		ppmv	0.0033	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
100-41-4	Ethyl Benzene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
87-68-3	Hexachlorobutadiene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
67-63-0	Isopropanol	ND		ppmv	0.0033	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ



Sample Information

Client Sample ID: EW-2

York Sample ID: 22D0083-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 11:40 am

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-09-2	Methylene chloride	0.078		ppmv	0.0033	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
142-82-5	n-Heptane	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
110-54-3	n-Hexane	0.0028		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
95-47-6	o-Xylene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
179601-23-1	p- & m- Xylenes	ND		ppmv	0.0033	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
622-96-8	* p-Ethyltoluene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
115-07-1	* Propylene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
100-42-5	Styrene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
127-18-4	Tetrachloroethylene	0.35		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
109-99-9	* Tetrahydrofuran	ND		ppmv	0.0033	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-88-3	Toluene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
79-01-6	Trichloroethylene	0.00050		ppmv	0.00042	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	0.0017		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-05-4	Vinyl acetate	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
593-60-2	Vinyl bromide	ND		ppmv	0.0017	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-01-4	Vinyl Chloride	ND		ppmv	0.00084	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ



Sample Information

Client Sample ID: EW-3

York Sample ID: 22D0083-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 1:09 pm

04/04/2022

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		ppmv	0.0018	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-34-3	1,1-Dichloroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-35-4	1,1-Dichloroethylene	ND		ppmv	0.00045	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
106-93-4	1,2-Dibromoethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
107-06-2	1,2-Dichloroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
78-87-5	1,2-Dichloropropane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
106-99-0	1,3-Butadiene	ND		ppmv	0.0054	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
123-91-1	1,4-Dioxane	ND		ppmv	0.0036	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
78-93-3	2-Butanone	0.0045		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
591-78-6	* 2-Hexanone	ND		ppmv	0.0036	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
107-05-1	3-Chloropropene	ND		ppmv	0.0089	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ



Sample Information

Client Sample ID: EW-3

York Sample ID: 22D0083-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 1:09 pm

04/04/2022

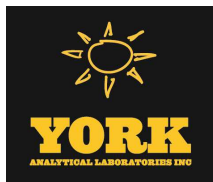
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
67-64-1	Acetone	0.014		ppmv	0.0036	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
107-13-1	Acrylonitrile	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
71-43-2	Benzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
100-44-7	Benzyl chloride	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-27-4	Bromodichloromethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-25-2	Bromoform	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
74-83-9	Bromomethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-15-0	Carbon disulfide	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
56-23-5	Carbon tetrachloride	ND		ppmv	0.00045	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-90-7	Chlorobenzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-00-3	Chloroethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
67-66-3	Chloroform	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
74-87-3	Chloromethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ppmv	0.00045	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
110-82-7	Cyclohexane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
124-48-1	Dibromochloromethane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-71-8	Dichlorodifluoromethane	0.014		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
141-78-6	* Ethyl acetate	ND		ppmv	0.0036	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
100-41-4	Ethyl Benzene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
87-68-3	Hexachlorobutadiene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
67-63-0	Isopropanol	ND		ppmv	0.0036	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ



Sample Information

Client Sample ID: EW-3

York Sample ID: 22D0083-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 1:09 pm

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-09-2	Methylene chloride	0.0064		ppmv	0.0036	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
142-82-5	n-Heptane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
110-54-3	n-Hexane	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
95-47-6	o-Xylene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
179601-23-1	p- & m- Xylenes	0.0045		ppmv	0.0036	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
622-96-8	* p-Ethyltoluene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
115-07-1	* Propylene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
100-42-5	Styrene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
127-18-4	Tetrachloroethylene	10		ppmv	0.026	255.8	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 12:43	LLJ
109-99-9	* Tetrahydrofuran	0.018		ppmv	0.0036	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-88-3	Toluene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
79-01-6	Trichloroethylene	0.0029		ppmv	0.00045	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-05-4	Vinyl acetate	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
593-60-2	Vinyl bromide	ND		ppmv	0.0018	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-01-4	Vinyl Chloride	ND		ppmv	0.00089	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ



Sample Information

Client Sample ID: EW-4

York Sample ID: 22D0083-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 2:12 pm

04/04/2022

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		ppmv	0.00090	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
71-55-6	1,1,1-Trichloroethane	0.0018		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-34-3	1,1-Dichloroethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-35-4	1,1-Dichloroethylene	ND		ppmv	0.00022	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
106-93-4	1,2-Dibromoethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
107-06-2	1,2-Dichloroethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
78-87-5	1,2-Dichloropropane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
106-99-0	1,3-Butadiene	ND		ppmv	0.0027	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
123-91-1	1,4-Dioxane	ND		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
78-93-3	2-Butanone	0.0042		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
591-78-6	* 2-Hexanone	ND		ppmv	0.0018	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
107-05-1	3-Chloropropene	ND		ppmv	0.0045	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ



Sample Information

Client Sample ID: EW-4

York Sample ID: 22D0083-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 2:12 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
67-64-1	Acetone	0.0060		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
107-13-1	Acrylonitrile	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
71-43-2	Benzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
100-44-7	Benzyl chloride	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-27-4	Bromodichloromethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-25-2	Bromoform	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
74-83-9	Bromomethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-15-0	Carbon disulfide	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
56-23-5	Carbon tetrachloride	ND		ppmv	0.00022	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-90-7	Chlorobenzene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-00-3	Chloroethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
67-66-3	Chloroform	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
74-87-3	Chloromethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ppmv	0.00022	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
110-82-7	Cyclohexane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
124-48-1	Dibromochloromethane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-71-8	Dichlorodifluoromethane	0.0014		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
141-78-6	* Ethyl acetate	0.0039		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
100-41-4	Ethyl Benzene	0.0045		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
87-68-3	Hexachlorobutadiene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
67-63-0	Isopropanol	ND		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ



Sample Information

Client Sample ID: EW-4

York Sample ID: 22D0083-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 2:12 pm

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-09-2	Methylene chloride	0.0018		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
142-82-5	n-Heptane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
110-54-3	n-Hexane	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
95-47-6	o-Xylene	0.0037		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
179601-23-1	p- & m- Xylenes	0.017		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
622-96-8	* p-Ethyltoluene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
115-07-1	* Propylene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
100-42-5	Styrene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
127-18-4	Tetrachloroethylene	0.20		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
109-99-9	* Tetrahydrofuran	0.0020		ppmv	0.0018	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-88-3	Toluene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
79-01-6	Trichloroethylene	0.00036		ppmv	0.00022	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-05-4	Vinyl acetate	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
593-60-2	Vinyl bromide	ND		ppmv	0.00090	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-01-4	Vinyl Chloride	ND		ppmv	0.00045	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ



Sample Information

Client Sample ID: EW-5

York Sample ID: 22D0083-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 3:00 pm

04/04/2022

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		ppmv	0.0017	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-34-3	1,1-Dichloroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-35-4	1,1-Dichloroethylene	ND		ppmv	0.00044	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
106-93-4	1,2-Dibromoethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
107-06-2	1,2-Dichloroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
78-87-5	1,2-Dichloropropane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
106-99-0	1,3-Butadiene	ND		ppmv	0.0052	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
123-91-1	1,4-Dioxane	ND		ppmv	0.0035	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
78-93-3	2-Butanone	0.0019		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
591-78-6	* 2-Hexanone	ND		ppmv	0.0035	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
107-05-1	3-Chloropropene	ND		ppmv	0.0087	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ



Sample Information

Client Sample ID: EW-5

York Sample ID: 22D0083-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 3:00 pm

04/04/2022

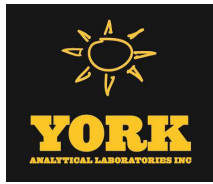
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
67-64-1	Acetone	0.0052		ppmv	0.0035	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
107-13-1	Acrylonitrile	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
71-43-2	Benzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
100-44-7	Benzyl chloride	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-27-4	Bromodichloromethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-25-2	Bromoform	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
74-83-9	Bromomethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-15-0	Carbon disulfide	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
56-23-5	Carbon tetrachloride	ND		ppmv	0.00044	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-90-7	Chlorobenzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-00-3	Chloroethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
67-66-3	Chloroform	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
74-87-3	Chloromethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ppmv	0.00044	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
110-82-7	Cyclohexane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
124-48-1	Dibromochloromethane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-71-8	Dichlorodifluoromethane	0.0044		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
141-78-6	* Ethyl acetate	ND		ppmv	0.0035	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
100-41-4	Ethyl Benzene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
87-68-3	Hexachlorobutadiene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
67-63-0	Isopropanol	ND		ppmv	0.0035	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ



Sample Information

Client Sample ID: EW-5

York Sample ID: 22D0083-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 3:00 pm

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-09-2	Methylene chloride	0.012		ppmv	0.0035	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
142-82-5	n-Heptane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
110-54-3	n-Hexane	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
95-47-6	o-Xylene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
179601-23-1	p- & m- Xylenes	ND		ppmv	0.0035	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
622-96-8	* p-Ethyltoluene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
115-07-1	* Propylene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
100-42-5	Styrene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
127-18-4	Tetrachloroethylene	0.63		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
109-99-9	* Tetrahydrofuran	ND		ppmv	0.0035	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-88-3	Toluene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
79-01-6	Trichloroethylene	0.00052		ppmv	0.00044	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	0.0021		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-05-4	Vinyl acetate	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
593-60-2	Vinyl bromide	ND		ppmv	0.0017	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-01-4	Vinyl Chloride	ND		ppmv	0.00087	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ



Analytical Batch Summary

Batch ID: BD20955

Preparation Method: EPA TO15 PREP

Prepared By: LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0083-02	EW-2	04/15/22
22D0083-03	EW-3	04/15/22
BD20955-BLK1	Blank	04/15/22
BD20955-BS1	LCS	04/15/22
BD20955-DUP1	Duplicate	04/15/22

Batch ID: BD21003

Preparation Method: EPA TO15 PREP

Prepared By: LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0083-01	EW-1	04/17/22
22D0083-03RE1	EW-3	04/17/22
22D0083-04	EW-4	04/17/22
22D0083-05	EW-5	04/17/22
BD21003-BLK1	Blank	04/17/22
BD21003-BS1	LCS	04/17/22
BD21003-DUP1	Duplicate	04/17/22



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

Blank (BD20955-BLK1)

Prepared & Analyzed: 04/15/2022

1,1,1,2-Tetrachloroethane	ND	0.00010	ppmv
1,1,1-Trichloroethane	ND	0.00010	"
1,1,2,2-Tetrachloroethane	ND	0.00010	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.00010	"
1,1,2-Trichloroethane	ND	0.00010	"
1,1-Dichloroethane	ND	0.00010	"
1,1-Dichloroethylene	ND	0.000025	"
1,2,4-Trichlorobenzene	ND	0.00010	"
1,2,4-Trimethylbenzene	ND	0.00010	"
1,2-Dibromoethane	ND	0.00010	"
1,2-Dichlorobenzene	ND	0.00010	"
1,2-Dichloroethane	ND	0.00010	"
1,2-Dichloropropane	ND	0.00010	"
1,2-Dichlorotetrafluoroethane	ND	0.00010	"
1,3,5-Trimethylbenzene	ND	0.00010	"
1,3-Butadiene	ND	0.00030	"
1,3-Dichlorobenzene	ND	0.00010	"
1,3-Dichloropropane	ND	0.00010	"
1,4-Dichlorobenzene	ND	0.00010	"
1,4-Dioxane	ND	0.00020	"
2-Butanone	ND	0.00010	"
2-Hexanone	ND	0.00020	"
3-Chloropropene	ND	0.00050	"
4-Methyl-2-pentanone	ND	0.00010	"
Acetone	ND	0.00020	"
Acrylonitrile	ND	0.00010	"
Benzene	ND	0.00010	"
Benzyl chloride	ND	0.00010	"
Bromodichloromethane	ND	0.00010	"
Bromoform	ND	0.00010	"
Bromomethane	ND	0.00010	"
Carbon disulfide	ND	0.00010	"
Carbon tetrachloride	ND	0.000025	"
Chlorobenzene	ND	0.00010	"
Chloroethane	ND	0.00010	"
Chloroform	ND	0.00010	"
Chloromethane	ND	0.00010	"
cis-1,2-Dichloroethylene	ND	0.000025	"
cis-1,3-Dichloropropylene	ND	0.00010	"
Cyclohexane	ND	0.00010	"
Dibromochloromethane	ND	0.00010	"
Dichlorodifluoromethane	ND	0.00010	"
Ethyl acetate	ND	0.00020	"
Ethyl Benzene	ND	0.00010	"
Hexachlorobutadiene	ND	0.00010	"
Isopropanol	ND	0.00020	"
Methyl Methacrylate	ND	0.00010	"
Methyl tert-butyl ether (MTBE)	ND	0.00010	"
Methylene chloride	ND	0.00020	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

Blank (BD20955-BLK1)

Prepared & Analyzed: 04/15/2022

n-Heptane	ND	0.00010	ppmv
n-Hexane	ND	0.00010	"
o-Xylene	ND	0.00010	"
p- & m- Xylenes	ND	0.00020	"
p-Ethyltoluene	ND	0.00010	"
Propylene	ND	0.00010	"
Styrene	ND	0.00010	"
Tetrachloroethylene	ND	0.00010	"
Tetrahydrofuran	ND	0.00020	"
Toluene	ND	0.00010	"
trans-1,2-Dichloroethylene	ND	0.00010	"
trans-1,3-Dichloropropylene	ND	0.00010	"
Trichloroethylene	ND	0.000025	"
Trichlorofluoromethane (Freon 11)	ND	0.00010	"
Vinyl acetate	ND	0.00010	"
Vinyl bromide	ND	0.00010	"
Vinyl Chloride	ND	0.000050	"

LCS (BD20955-BS1)

Prepared & Analyzed: 04/15/2022

1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0	105	70-130
1,1,1-Trichloroethane	10.9		"	10.0	109	70-130
1,1,2,2-Tetrachloroethane	10.2		"	10.0	102	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	111	70-130
1,1,2-Trichloroethane	10.3		"	10.0	103	70-130
1,1-Dichloroethane	10.1		"	10.0	101	70-130
1,1-Dichloroethylene	10.4		"	10.0	104	70-130
1,2,4-Trichlorobenzene	8.80		"	10.0	88.0	70-130
1,2,4-Trimethylbenzene	9.99		"	10.0	99.9	70-130
1,2-Dibromoethane	10.1		"	10.0	101	70-130
1,2-Dichlorobenzene	10.7		"	10.0	107	70-130
1,2-Dichloroethane	10.3		"	10.0	103	70-130
1,2-Dichloropropane	9.50		"	10.0	95.0	70-130
1,2-Dichlorotetrafluoroethane	9.50		"	10.0	95.0	70-130
1,3,5-Trimethylbenzene	10.0		"	10.0	100	70-130
1,3-Butadiene	9.60		"	10.0	96.0	70-130
1,3-Dichlorobenzene	11.0		"	10.0	110	70-130
1,3-Dichloropropane	9.65		"	10.0	96.5	70-130
1,4-Dichlorobenzene	11.1		"	10.0	111	70-130
1,4-Dioxane	9.74		"	10.0	97.4	70-130
2-Butanone	9.81		"	10.0	98.1	70-130
2-Hexanone	9.48		"	10.0	94.8	70-130
3-Chloropropene	10.3		"	10.0	103	70-130
4-Methyl-2-pentanone	9.19		"	10.0	91.9	70-130
Acetone	8.85		"	10.0	88.5	70-130
Acrylonitrile	9.98		"	10.0	99.8	70-130
Benzene	10.4		"	10.0	104	70-130
Benzyl chloride	8.69		"	10.0	86.9	70-130
Bromodichloromethane	10.3		"	10.0	103	70-130
Bromoform	11.4		"	10.0	114	70-130
Bromomethane	11.0		"	10.0	110	70-130
Carbon disulfide	10.3		"	10.0	103	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

LCS (BD20955-BS1)

Prepared & Analyzed: 04/15/2022

Carbon tetrachloride	11.7		ppbv	10.0		117	70-130				
Chlorobenzene	9.91		"	10.0		99.1	70-130				
Chloroethane	10.5		"	10.0		105	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	8.81		"	10.0		88.1	70-130				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	70-130				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Cyclohexane	10.2		"	10.0		102	70-130				
Dibromochloromethane	10.8		"	10.0		108	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl acetate	10.1		"	10.0		101	70-130				
Ethyl Benzene	9.83		"	10.0		98.3	70-130				
Hexachlorobutadiene	11.2		"	10.0		112	70-130				
Isopropanol	9.32		"	10.0		93.2	70-130				
Methyl Methacrylate	9.51		"	10.0		95.1	70-130				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	70-130				
Methylene chloride	9.00		"	10.0		90.0	70-130				
n-Heptane	10.1		"	10.0		101	70-130				
n-Hexane	10.5		"	10.0		105	70-130				
o-Xylene	9.87		"	10.0		98.7	70-130				
p- & m- Xylenes	20.1		"	20.0		100	70-130				
p-Ethyltoluene	10.3		"	10.0		103	70-130				
Propylene	9.52		"	10.0		95.2	70-130				
Styrene	10.5		"	10.0		105	70-130				
Tetrachloroethylene	8.93		"	10.0		89.3	70-130				
Tetrahydrofuran	8.11		"	10.0		81.1	70-130				
Toluene	9.69		"	10.0		96.9	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	70-130				
Trichloroethylene	9.98		"	10.0		99.8	70-130				
Trichlorofluoromethane (Freon 11)	11.0		"	10.0		110	70-130				
Vinyl acetate	10.1		"	10.0		101	70-130				
Vinyl bromide	11.2		"	10.0		112	70-130				
Vinyl Chloride	9.16		"	10.0		91.6	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD20955 - EPA TO15 PREP											
Duplicate (BD20955-DUP1)	*Source sample: 22D0767-01 (Duplicate)						Prepared: 04/15/2022 Analyzed: 04/16/2022				
1,1,1,2-Tetrachloroethane	ND	0.00010	ppmv		ND					25	
1,1,1-Trichloroethane	0.00053	0.00010	"		0.00065				20.3	25	
1,1,2,2-Tetrachloroethane	ND	0.00010	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00021	0.00010	"		0.00026				21.3	25	
1,1,2-Trichloroethane	ND	0.00010	"		ND					25	
1,1-Dichloroethane	0.00011	0.00010	"		0.00014				24.0	25	
1,1-Dichloroethylene	ND	0.000025	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.00010	"		ND					25	
1,2,4-Trimethylbenzene	0.00013	0.00010	"		0.00013				0.00	25	
1,2-Dibromoethane	ND	0.00010	"		ND					25	
1,2-Dichlorobenzene	ND	0.00010	"		ND					25	
1,2-Dichloroethane	ND	0.00010	"		ND					25	
1,2-Dichloropropane	ND	0.00010	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.00010	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.00010	"		ND					25	
1,3-Butadiene	ND	0.00030	"		ND					25	
1,3-Dichlorobenzene	ND	0.00010	"		ND					25	
1,3-Dichloropropane	ND	0.00010	"		ND					25	
1,4-Dichlorobenzene	ND	0.00010	"		ND					25	
1,4-Dioxane	ND	0.00020	"		ND					25	
2-Butanone	0.00074	0.00010	"		0.00077				3.97	25	
2-Hexanone	ND	0.00020	"		ND					25	
3-Chloropropene	ND	0.00050	"		ND					25	
4-Methyl-2-pentanone	0.00018	0.00010	"		0.00016				11.8	25	
Acetone	0.016	0.00020	"		0.017				2.11	25	
Acrylonitrile	ND	0.00010	"		ND					25	
Benzene	0.00023	0.00010	"		0.00024				4.26	25	
Benzyl chloride	ND	0.00010	"		ND					25	
Bromodichloromethane	ND	0.00010	"		ND					25	
Bromoform	ND	0.00010	"		ND					25	
Bromomethane	ND	0.00010	"		ND					25	
Carbon disulfide	ND	0.00010	"		ND					25	
Carbon tetrachloride	0.000070	0.000025	"		0.000070				0.00	25	
Chlorobenzene	ND	0.00010	"		ND					25	
Chloroethane	ND	0.00010	"		ND					25	
Chloroform	0.00044	0.00010	"		0.00051				14.7	25	
Chloromethane	0.00017	0.00010	"		0.00017				0.00	25	
cis-1,2-Dichloroethylene	0.000050	0.000025	"		0.000070				33.3	25	Non-dir.
cis-1,3-Dichloropropylene	ND	0.00010	"		ND					25	
Cyclohexane	0.00016	0.00010	"		0.00018				11.8	25	
Dibromochloromethane	ND	0.00010	"		ND					25	
Dichlorodifluoromethane	0.00081	0.00010	"		0.00065				21.9	25	
Ethyl acetate	0.00039	0.00020	"		0.00040				2.53	25	
Ethyl Benzene	0.00037	0.00010	"		0.00042				12.7	25	
Hexachlorobutadiene	ND	0.00010	"		ND					25	
Isopropanol	0.0099	0.00020	"		0.0077				25.8	25	Non-dir.
Methyl Methacrylate	ND	0.00010	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.00010	"		ND					25	
Methylene chloride	0.00041	0.00020	"		0.00027				41.2	25	Non-dir.
n-Heptane	0.00017	0.00010	"		0.00017				0.00	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BD20955 - EPA TO15 PREP

Duplicate (BD20955-DUP1)		*Source sample: 22D0767-01 (Duplicate)				Prepared: 04/15/2022 Analyzed: 04/16/2022					
n-Hexane	0.00043	0.00010	ppmv		0.00050				15.1	25	
o-Xylene	0.00039	0.00010	"		0.00043				9.76	25	
p- & m- Xylenes	0.0013	0.00020	"		0.0014				13.2	25	
p-Ethyltoluene	0.00011	0.00010	"		0.00011				0.00	25	
Propylene	ND	0.00010	"		ND					25	
Styrene	0.00011	0.00010	"		0.00012				8.70	25	
Tetrachloroethylene	0.0056	0.00010	"		0.0064				13.3	25	
Tetrahydrofuran	0.00026	0.00020	"		0.00027				3.77	25	
Toluene	0.0032	0.00010	"		0.0034				6.28	25	
trans-1,2-Dichloroethylene	ND	0.00010	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.00010	"		ND					25	
Trichloroethylene	0.0020	0.000025	"		0.0025				21.9	25	
Trichlorofluoromethane (Freon 11)	0.00023	0.00010	"		0.00029				23.1	25	
Vinyl acetate	ND	0.00010	"		ND					25	
Vinyl bromide	ND	0.00010	"		ND					25	
Vinyl Chloride	ND	0.000050	"		ND					25	

Batch BD21003 - EPA TO15 PREP

Blank (BD21003-BLK1)		Prepared & Analyzed: 04/17/2022									
1,1,1,2-Tetrachloroethane	ND	0.00010	ppmv								
1,1,1-Trichloroethane	ND	0.00010	"								
1,1,2,2-Tetrachloroethane	ND	0.00010	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.00010	"								
1,1,2-Trichloroethane	ND	0.00010	"								
1,1-Dichloroethane	ND	0.00010	"								
1,1-Dichloroethylene	ND	0.000025	"								
1,2,4-Trichlorobenzene	ND	0.00010	"								
1,2,4-Trimethylbenzene	ND	0.00010	"								
1,2-Dibromoethane	ND	0.00010	"								
1,2-Dichlorobenzene	ND	0.00010	"								
1,2-Dichloroethane	ND	0.00010	"								
1,2-Dichloropropane	ND	0.00010	"								
1,2-Dichlorotetrafluoroethane	ND	0.00010	"								
1,3,5-Trimethylbenzene	ND	0.00010	"								
1,3-Butadiene	ND	0.00030	"								
1,3-Dichlorobenzene	ND	0.00010	"								
1,3-Dichloropropane	ND	0.00010	"								
1,4-Dichlorobenzene	ND	0.00010	"								
1,4-Dioxane	ND	0.00020	"								
2-Butanone	ND	0.00010	"								
2-Hexanone	ND	0.00020	"								
3-Chloropropene	ND	0.00050	"								
4-Methyl-2-pentanone	ND	0.00010	"								
Acetone	ND	0.00020	"								
Acrylonitrile	ND	0.00010	"								
Benzene	ND	0.00010	"								
Benzyl chloride	ND	0.00010	"								
Bromodichloromethane	ND	0.00010	"								
Bromoform	ND	0.00010	"								
Bromomethane	ND	0.00010	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Blank (BD21003-BLK1)

Prepared & Analyzed: 04/17/2022

Carbon disulfide	ND	0.00010	ppmv
Carbon tetrachloride	ND	0.000025	"
Chlorobenzene	ND	0.00010	"
Chloroethane	ND	0.00010	"
Chloroform	ND	0.00010	"
Chloromethane	ND	0.00010	"
cis-1,2-Dichloroethylene	ND	0.000025	"
cis-1,3-Dichloropropylene	ND	0.00010	"
Cyclohexane	ND	0.00010	"
Dibromochloromethane	ND	0.00010	"
Dichlorodifluoromethane	ND	0.00010	"
Ethyl acetate	ND	0.00020	"
Ethyl Benzene	ND	0.00010	"
Hexachlorobutadiene	ND	0.00010	"
Isopropanol	ND	0.00020	"
Methyl Methacrylate	ND	0.00010	"
Methyl tert-butyl ether (MTBE)	ND	0.00010	"
Methylene chloride	ND	0.00020	"
n-Heptane	ND	0.00010	"
n-Hexane	ND	0.00010	"
o-Xylene	ND	0.00010	"
p- & m- Xylenes	ND	0.00020	"
p-Ethyltoluene	ND	0.00010	"
Propylene	ND	0.00010	"
Styrene	ND	0.00010	"
Tetrachloroethylene	ND	0.00010	"
Tetrahydrofuran	ND	0.00020	"
Toluene	ND	0.00010	"
trans-1,2-Dichloroethylene	ND	0.00010	"
trans-1,3-Dichloropropylene	ND	0.00010	"
Trichloroethylene	ND	0.000025	"
Trichlorofluoromethane (Freon 11)	ND	0.00010	"
Vinyl acetate	ND	0.00010	"
Vinyl bromide	ND	0.00010	"
Vinyl Chloride	ND	0.000050	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21003 - EPA TO15 PREP											
LCS (BD21003-BS1)						Prepared & Analyzed: 04/17/2022					
1,1,1,2-Tetrachloroethane	11.4		ppbv	10.0		114	70-130				
1,1,1-Trichloroethane	11.6		"	10.0		116	70-130				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	70-130				
1,1-Dichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethylene	11.7		"	10.0		117	70-130				
1,2,4-Trichlorobenzene	7.00		"	10.0		70.0	70-130				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,2-Dibromoethane	11.1		"	10.0		111	70-130				
1,2-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,2-Dichloroethane	11.6		"	10.0		116	70-130				
1,2-Dichloropropane	10.6		"	10.0		106	70-130				
1,2-Dichlorotetrafluoroethane	11.8		"	10.0		118	70-130				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,3-Butadiene	11.6		"	10.0		116	70-130				
1,3-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,3-Dichloropropane	10.8		"	10.0		108	70-130				
1,4-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,4-Dioxane	9.70		"	10.0		97.0	70-130				
2-Butanone	10.8		"	10.0		108	70-130				
2-Hexanone	9.58		"	10.0		95.8	70-130				
3-Chloropropene	11.1		"	10.0		111	70-130				
4-Methyl-2-pentanone	9.96		"	10.0		99.6	70-130				
Acetone	10.1		"	10.0		101	70-130				
Acrylonitrile	10.7		"	10.0		107	70-130				
Benzene	11.3		"	10.0		113	70-130				
Benzyl chloride	8.19		"	10.0		81.9	70-130				
Bromodichloromethane	11.4		"	10.0		114	70-130				
Bromoform	11.9		"	10.0		119	70-130				
Bromomethane	12.6		"	10.0		126	70-130				
Carbon disulfide	11.5		"	10.0		115	70-130				
Carbon tetrachloride	12.4		"	10.0		124	70-130				
Chlorobenzene	11.1		"	10.0		111	70-130				
Chloroethane	11.7		"	10.0		117	70-130				
Chloroform	11.7		"	10.0		117	70-130				
Chloromethane	11.0		"	10.0		110	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Cyclohexane	11.0		"	10.0		110	70-130				
Dibromochloromethane	11.8		"	10.0		118	70-130				
Dichlorodifluoromethane	12.1		"	10.0		121	70-130				
Ethyl acetate	10.8		"	10.0		108	70-130				
Ethyl Benzene	11.0		"	10.0		110	70-130				
Hexachlorobutadiene	11.1		"	10.0		111	70-130				
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	70-130				
Methylene chloride	10.1		"	10.0		101	70-130				
n-Heptane	11.1		"	10.0		111	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BD21003 - EPA TO15 PREP

LCS (BD21003-BS1)

Prepared & Analyzed: 04/17/2022

n-Hexane	11.3		ppbv	10.0		113	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	22.4		"	20.0		112	70-130				
p-Ethyltoluene	11.5		"	10.0		115	70-130				
Propylene	10.9		"	10.0		109	70-130				
Styrene	11.5		"	10.0		115	70-130				
Tetrachloroethylene	9.70		"	10.0		97.0	70-130				
Tetrahydrofuran	9.06		"	10.0		90.6	70-130				
Toluene	10.9		"	10.0		109	70-130				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Trichloroethylene	11.2		"	10.0		112	70-130				
Trichlorofluoromethane (Freon 11)	12.4		"	10.0		124	70-130				
Vinyl acetate	10.5		"	10.0		105	70-130				
Vinyl bromide	12.2		"	10.0		122	70-130				
Vinyl Chloride	11.3		"	10.0		113	70-130				

Duplicate (BD21003-DUP1)

*Source sample: 22D0395-05 (Duplicate)

Prepared & Analyzed: 04/17/2022

1,1,1,2-Tetrachloroethane	ND	0.000092	ppmv		ND					25	
1,1,1-Trichloroethane	ND	0.000092	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.000092	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.000092	"		ND					25	
1,1,2-Trichloroethane	ND	0.000092	"		ND					25	
1,1-Dichloroethane	ND	0.000092	"		ND					25	
1,1-Dichloroethylene	ND	0.000023	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.000092	"		ND					25	
1,2,4-Trimethylbenzene	0.00012	0.000092	"		0.00011				8.00	25	
1,2-Dibromoethane	ND	0.000092	"		ND					25	
1,2-Dichlorobenzene	ND	0.000092	"		ND					25	
1,2-Dichloroethane	ND	0.000092	"		ND					25	
1,2-Dichloropropane	ND	0.000092	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.000092	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.000092	"		ND					25	
1,3-Butadiene	0.000037	0.00028	"		ND					25	
1,3-Dichlorobenzene	ND	0.000092	"		ND					25	
1,3-Dichloropropane	ND	0.000092	"		ND					25	
1,4-Dichlorobenzene	ND	0.000092	"		ND					25	
1,4-Dioxane	ND	0.00018	"		ND					25	
2-Butanone	0.00034	0.000092	"		0.00033				2.74	25	
2-Hexanone	ND	0.00018	"		ND					25	
3-Chloropropene	ND	0.00046	"		ND					25	
4-Methyl-2-pentanone	0.000083	0.000092	"		ND					25	
Acetone	0.0030	0.00018	"		0.0030				0.927	25	
Acrylonitrile	ND	0.000092	"		ND					25	
Benzene	0.00023	0.000092	"		0.00023				0.00	25	
Benzyl chloride	ND	0.000092	"		ND					25	
Bromodichloromethane	ND	0.000092	"		ND					25	
Bromoform	ND	0.000092	"		ND					25	
Bromomethane	ND	0.000092	"		ND					25	
Carbon disulfide	ND	0.000092	"		ND					25	
Carbon tetrachloride	0.000074	0.000023	"		0.000083				11.8	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Duplicate (BD21003-DUP1)		*Source sample: 22D0395-05 (Duplicate)				Prepared & Analyzed: 04/17/2022					
Chlorobenzene	ND	0.000092	ppmv		ND				27.5	25	
Chloroethane	ND	0.000092	"		ND					25	
Chloroform	ND	0.000092	"		ND					25	
Chloromethane	0.00080	0.000092	"		0.00061				27.5	25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.000023	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.000092	"		ND					25	
Cyclohexane	0.00011	0.000092	"		0.00011				0.00	25	
Dibromochloromethane	ND	0.000092	"		ND					25	
Dichlorodifluoromethane	0.00058	0.000092	"		0.00054				6.56	25	
Ethyl acetate	0.000074	0.00018	"		0.000074				0.00	25	
Ethyl Benzene	0.00014	0.000092	"		0.00014				0.00	25	
Hexachlorobutadiene	ND	0.000092	"		ND					25	
Isopropanol	0.00045	0.00018	"		0.00033				30.6	25	Non-dir.
Methyl Methacrylate	0.000046	0.000092	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.000092	"		ND					25	
Methylene chloride	0.00091	0.00018	"		0.00090				1.02	25	
n-Heptane	0.00013	0.000092	"		0.00013				0.00	25	
n-Hexane	0.00022	0.000092	"		0.00022				0.00	25	
o-Xylene	0.00017	0.000092	"		0.00016				5.71	25	
p- & m- Xylenes	0.00048	0.00018	"		0.00045				5.94	25	
p-Ethyltoluene	0.00011	0.000092	"		0.00010				8.70	25	
Propylene	ND	0.000092	"		ND					25	
Styrene	ND	0.000092	"		ND					25	
Tetrachloroethylene	0.000065	0.000092	"		0.000074				13.3	25	
Tetrahydrofuran	0.00021	0.00018	"		0.00020				4.44	25	
Toluene	0.0011	0.000092	"		0.0010				3.51	25	
trans-1,2-Dichloroethylene	ND	0.000092	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.000092	"		ND					25	
Trichloroethylene	ND	0.000023	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.00027	0.000092	"		0.00028				3.39	25	
Vinyl acetate	ND	0.000092	"		ND					25	
Vinyl bromide	ND	0.000092	"		ND					25	
Vinyl Chloride	ND	0.000046	"		ND					25	





Sample and Data Qualifiers Relating to This Work Order

TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

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.

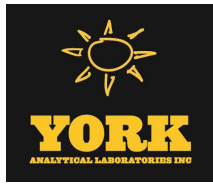
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.

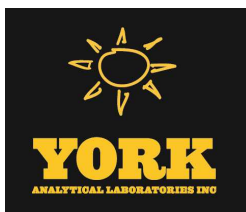
Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



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.

Revision Description: This report has been revised to correct sample results.

APPENDIX C
EXTRACTED VAPOR LABORATORY ANALYTICAL REPORT ($\mu\text{G}/\text{M}^3$)



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/18/2022

Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0083

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 04/18/2022
Client Project ID: 356060 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 22D0083

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2022 and listed below. The project was identified as your project: **356060 65 Albany Avenue Kingston, New York**.

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>
22D0083-01	EW-1	Soil Vapor	04/03/2022	04/04/2022
22D0083-02	EW-2	Soil Vapor	04/03/2022	04/04/2022
22D0083-03	EW-3	Soil Vapor	04/03/2022	04/04/2022
22D0083-04	EW-4	Soil Vapor	04/03/2022	04/04/2022
22D0083-05	EW-5	Soil Vapor	04/03/2022	04/04/2022

General Notes for York Project (SDG) No.: 22D0083

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: 

Date: 04/18/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: EW-1

York Sample ID: 22D0083-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 10:23 am

04/04/2022

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	2.3	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.8	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.8	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.33	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	2.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	2.0	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	2.2	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	2.0	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.5	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	2.0	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	2.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
78-93-3	2-Butanone	1.4		ug/m ³	0.98	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	2.7	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ



Sample Information

Client Sample ID: EW-1

York Sample ID: 22D0083-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 10:23 am

04/04/2022

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	5.2	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	1.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
67-64-1	Acetone	10		ug/m ³	1.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.72	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
71-43-2	Benzene	ND		ug/m ³	1.1	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	1.7	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	2.2	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-25-2	Bromoform	ND		ug/m ³	3.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
74-83-9	Bromomethane	ND		ug/m ³	1.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	1.0	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.52	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	1.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.88	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
67-66-3	Chloroform	10		ug/m ³	1.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.69	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.33	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	1.1	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	2.8	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-71-8	Dichlorodifluoromethane	340		ug/m ³	1.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	2.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	1.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	3.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ



Sample Information

Client Sample ID: EW-1

York Sample ID: 22D0083-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 10:23 am

04/04/2022

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
67-63-0	Isopropanol	ND		ug/m ³	1.6	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.2	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-09-2	Methylene chloride	11		ug/m ³	2.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
142-82-5	n-Heptane	ND		ug/m ³	1.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
110-54-3	n-Hexane	ND		ug/m ³	1.2	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
95-47-6	o-Xylene	ND		ug/m ³	1.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
179601-23-1	p- & m- Xylenes	2.9		ug/m ³	2.9	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.6	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.57	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
100-42-5	Styrene	ND		ug/m ³	1.4	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
127-18-4	Tetrachloroethylene	1000		ug/m ³	2.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
109-99-9	* Tetrahydrofuran	8.0		ug/m ³	2.0	3.328	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-88-3	Toluene	ND		ug/m ³	1.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.3	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.45	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	3.9		ug/m ³	1.9	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	1.2	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	1.5	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.43	3.328	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 11:56	LLJ



Sample Information

Client Sample ID: EW-2

York Sample ID: 22D0083-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 11:40 am

04/04/2022

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	11	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.1	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.1	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.8	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.7	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.2	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.8	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.7	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.2	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.7	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	12	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
78-93-3	2-Butanone	ND		ug/m ³	4.9	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	14	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ



Sample Information

Client Sample ID: EW-2

York Sample ID: 22D0083-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 11:40 am

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.8	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
67-64-1	Acetone	17		ug/m ³	7.9	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
71-43-2	Benzene	ND		ug/m ³	5.3	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	8.6	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-25-2	Bromoform	ND		ug/m ³	17	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
74-83-9	Bromomethane	ND		ug/m ³	6.5	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	5.2	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	7.7	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.4	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
67-66-3	Chloroform	ND		ug/m ³	8.2	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.7	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.6	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	5.7	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-71-8	Dichlorodifluoromethane	48		ug/m ³	8.3	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	12	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	7.3	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
67-63-0	Isopropanol	ND		ug/m ³	8.2	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ



Sample Information

Client Sample ID: EW-2

York Sample ID: 22D0083-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 11:40 am

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.8	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.0	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-09-2	Methylene chloride	270		ug/m ³	12	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
142-82-5	n-Heptane	ND		ug/m ³	6.8	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
110-54-3	n-Hexane	10		ug/m ³	5.9	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
95-47-6	o-Xylene	ND		ug/m ³	7.3	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.2	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
115-07-1	* Propylene	ND		ug/m ³	2.9	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
100-42-5	Styrene	ND		ug/m ³	7.1	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
127-18-4	Tetrachloroethylene	2300		ug/m ³	11	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.9	16.7	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-88-3	Toluene	ND		ug/m ³	6.3	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.6	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.6	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
79-01-6	Trichloroethylene	2.7		ug/m ³	2.2	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	9.4		ug/m ³	9.4	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	5.9	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	7.3	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 08:48	LLJ



Sample Information

Client Sample ID: EW-3

York Sample ID: 22D0083-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 1:09 pm

04/04/2022

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	12	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	14	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.2	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	13	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
78-93-3	2-Butanone	13		ug/m ³	5.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	15	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	28	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ



Sample Information

Client Sample ID: EW-3

York Sample ID: 22D0083-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 1:09 pm

04/04/2022

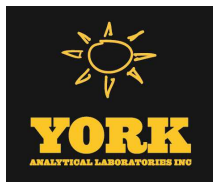
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
67-64-1	Acetone	33		ug/m ³	8.5	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.9	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
71-43-2	Benzene	ND		ug/m ³	5.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	9.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-25-2	Bromoform	ND		ug/m ³	18	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
74-83-9	Bromomethane	ND		ug/m ³	6.9	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	5.6	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	8.2	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
67-66-3	Chloroform	ND		ug/m ³	8.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	6.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	15	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-71-8	Dichlorodifluoromethane	71		ug/m ³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	13	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	7.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
67-63-0	Isopropanol	ND		ug/m ³	8.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ



Sample Information

Client Sample ID: EW-3

York Sample ID: 22D0083-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 1:09 pm

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.4	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-09-2	Methylene chloride	22		ug/m ³	12	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
142-82-5	n-Heptane	ND		ug/m ³	7.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
110-54-3	n-Hexane	ND		ug/m ³	6.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
95-47-6	o-Xylene	ND		ug/m ³	7.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
179601-23-1	p- & m- Xylenes	19		ug/m ³	16	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.8	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
115-07-1	* Propylene	ND		ug/m ³	3.1	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
100-42-5	Styrene	ND		ug/m ³	7.6	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
127-18-4	Tetrachloroethylene	71000		ug/m ³	170	255.8	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 12:43	LLJ
109-99-9	* Tetrahydrofuran	54		ug/m ³	11	17.85	EPA TO-15 Certifications:	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-88-3	Toluene	ND		ug/m ³	6.7	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.1	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
79-01-6	Trichloroethylene	15		ug/m ³	2.4	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	10	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	6.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	7.8	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	2.3	17.85	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/15/2022 09:00	04/16/2022 09:35	LLJ



Sample Information

Client Sample ID: EW-4

York Sample ID: 22D0083-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 2:12 pm

04/04/2022

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	6.1	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
71-55-6	1,1,1-Trichloroethane	9.8		ug/m ³	4.9	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	6.1	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	6.9	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	4.9	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	3.6	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.89	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	6.6	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	4.4	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	6.9	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	5.4	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	3.6	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	4.1	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	6.3	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	4.4	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	5.9	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	5.4	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	4.1	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	5.4	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	6.5	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
78-93-3	2-Butanone	12		ug/m ³	2.6	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	7.3	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	14	8.955	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 13:30	LLJ



Sample Information

Client Sample ID: EW-4

York Sample ID: 22D0083-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 2:12 pm

04/04/2022

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	3.7	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
67-64-1	Acetone	14		ug/m ³	4.3	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	1.9	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
71-43-2	Benzene	ND		ug/m ³	2.9	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	4.6	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	6.0	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-25-2	Bromoform	ND		ug/m ³	9.3	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
74-83-9	Bromomethane	ND		ug/m ³	3.5	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	2.8	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	1.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	4.1	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-00-3	Chloroethane	ND		ug/m ³	2.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
67-66-3	Chloroform	ND		ug/m ³	4.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
74-87-3	Chloromethane	ND		ug/m ³	1.8	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.89	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	4.1	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	3.1	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	7.6	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-71-8	Dichlorodifluoromethane	7.1		ug/m ³	4.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
141-78-6	* Ethyl acetate	14		ug/m ³	6.5	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
100-41-4	Ethyl Benzene	19		ug/m ³	3.9	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	9.6	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
67-63-0	Isopropanol	ND		ug/m ³	4.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ



Sample Information

Client Sample ID: EW-4

York Sample ID: 22D0083-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 2:12 pm

04/04/2022

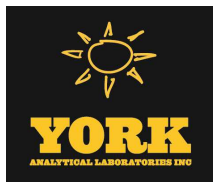
Volatile Organics, EPA TO15 Full List

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	3.7	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	3.2	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-09-2	Methylene chloride	6.2		ug/m ³	6.2	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
142-82-5	n-Heptane	ND		ug/m ³	3.7	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
110-54-3	n-Hexane	ND		ug/m ³	3.2	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
95-47-6	o-Xylene	16		ug/m ³	3.9	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
179601-23-1	p- & m- Xylenes	76		ug/m ³	7.8	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	4.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
115-07-1	* Propylene	ND		ug/m ³	1.5	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
100-42-5	Styrene	ND		ug/m ³	3.8	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
127-18-4	Tetrachloroethylene	1300		ug/m ³	6.1	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
109-99-9	* Tetrahydrofuran	5.8		ug/m ³	5.3	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-88-3	Toluene	ND		ug/m ³	3.4	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	3.6	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	4.1	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
79-01-6	Trichloroethylene	1.9		ug/m ³	1.2	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	5.0	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	3.2	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	3.9	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	1.1	8.955	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 13:30	LLJ



Sample Information

Client Sample ID: EW-5

York Sample ID: 22D0083-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 3:00 pm

04/04/2022

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	12	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.5	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.5	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.7	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	12	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.1	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	13	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
78-93-3	2-Butanone	5.7		ug/m ³	5.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	14	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	27	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ



Sample Information

Client Sample ID: EW-5

York Sample ID: 22D0083-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 3:00 pm

04/04/2022

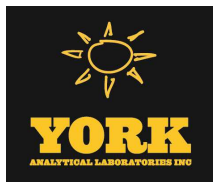
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
67-64-1	Acetone	12		ug/m ³	8.3	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.8	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
71-43-2	Benzene	ND		ug/m ³	5.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	9.0	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	12	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-25-2	Bromoform	ND		ug/m ³	18	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
74-83-9	Bromomethane	ND		ug/m ³	6.8	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	5.4	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.7	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	8.0	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
67-66-3	Chloroform	ND		ug/m ³	8.5	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.7	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.9	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	6.0	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	15	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-71-8	Dichlorodifluoromethane	22		ug/m ³	8.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	13	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	7.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	19	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
67-63-0	Isopropanol	ND		ug/m ³	8.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ



Sample Information

Client Sample ID: EW-5

York Sample ID: 22D0083-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0083

356060 65 Albany Avenue Kingston, New York

Soil Vapor

April 3, 2022 3:00 pm

04/04/2022

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
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.3	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-09-2	Methylene chloride	42		ug/m ³	12	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
142-82-5	n-Heptane	ND		ug/m ³	7.2	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
110-54-3	n-Hexane	ND		ug/m ³	6.2	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
95-47-6	o-Xylene	ND		ug/m ³	7.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.6	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
115-07-1	* Propylene	ND		ug/m ³	3.0	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
100-42-5	Styrene	ND		ug/m ³	7.4	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
127-18-4	Tetrachloroethylene	4300		ug/m ³	12	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	10	17.45	EPA TO-15 Certifications:	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-88-3	Toluene	ND		ug/m ³	6.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.9	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.9	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
79-01-6	Trichloroethylene	2.8		ug/m ³	2.3	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	12		ug/m ³	9.8	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	6.1	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	7.6	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	2.2	17.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/17/2022 02:00	04/17/2022 14:16	LLJ



Analytical Batch Summary

Batch ID: BD20955

Preparation Method: EPA TO15 PREP

Prepared By: LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0083-02	EW-2	04/15/22
22D0083-03	EW-3	04/15/22
BD20955-BLK1	Blank	04/15/22
BD20955-BS1	LCS	04/15/22
BD20955-DUP1	Duplicate	04/15/22

Batch ID: BD21003

Preparation Method: EPA TO15 PREP

Prepared By: LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0083-01	EW-1	04/17/22
22D0083-03RE1	EW-3	04/17/22
22D0083-04	EW-4	04/17/22
22D0083-05	EW-5	04/17/22
BD21003-BLK1	Blank	04/17/22
BD21003-BS1	LCS	04/17/22
BD21003-DUP1	Duplicate	04/17/22



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

Blank (BD20955-BLK1)

Prepared & Analyzed: 04/15/2022

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

Blank (BD20955-BLK1)

Prepared & Analyzed: 04/15/2022

n-Heptane	ND	0.41	ug/m ³
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BD20955-BS1)

Prepared & Analyzed: 04/15/2022

1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0	105	70-130
1,1,1-Trichloroethane	10.9		"	10.0	109	70-130
1,1,2,2-Tetrachloroethane	10.2		"	10.0	102	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	111	70-130
1,1,2-Trichloroethane	10.3		"	10.0	103	70-130
1,1-Dichloroethane	10.1		"	10.0	101	70-130
1,1-Dichloroethylene	10.4		"	10.0	104	70-130
1,2,4-Trichlorobenzene	8.80		"	10.0	88.0	70-130
1,2,4-Trimethylbenzene	9.99		"	10.0	99.9	70-130
1,2-Dibromoethane	10.1		"	10.0	101	70-130
1,2-Dichlorobenzene	10.7		"	10.0	107	70-130
1,2-Dichloroethane	10.3		"	10.0	103	70-130
1,2-Dichloropropane	9.50		"	10.0	95.0	70-130
1,2-Dichlorotetrafluoroethane	9.50		"	10.0	95.0	70-130
1,3,5-Trimethylbenzene	10.0		"	10.0	100	70-130
1,3-Butadiene	9.60		"	10.0	96.0	70-130
1,3-Dichlorobenzene	11.0		"	10.0	110	70-130
1,3-Dichloropropane	9.65		"	10.0	96.5	70-130
1,4-Dichlorobenzene	11.1		"	10.0	111	70-130
1,4-Dioxane	9.74		"	10.0	97.4	70-130
2-Butanone	9.81		"	10.0	98.1	70-130
2-Hexanone	9.48		"	10.0	94.8	70-130
3-Chloropropene	10.3		"	10.0	103	70-130
4-Methyl-2-pentanone	9.19		"	10.0	91.9	70-130
Acetone	8.85		"	10.0	88.5	70-130
Acrylonitrile	9.98		"	10.0	99.8	70-130
Benzene	10.4		"	10.0	104	70-130
Benzyl chloride	8.69		"	10.0	86.9	70-130
Bromodichloromethane	10.3		"	10.0	103	70-130
Bromoform	11.4		"	10.0	114	70-130
Bromomethane	11.0		"	10.0	110	70-130
Carbon disulfide	10.3		"	10.0	103	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

LCS (BD20955-BS1)

Prepared & Analyzed: 04/15/2022

Carbon tetrachloride	11.7		ppbv	10.0		117	70-130				
Chlorobenzene	9.91		"	10.0		99.1	70-130				
Chloroethane	10.5		"	10.0		105	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	8.81		"	10.0		88.1	70-130				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	70-130				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Cyclohexane	10.2		"	10.0		102	70-130				
Dibromochloromethane	10.8		"	10.0		108	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl acetate	10.1		"	10.0		101	70-130				
Ethyl Benzene	9.83		"	10.0		98.3	70-130				
Hexachlorobutadiene	11.2		"	10.0		112	70-130				
Isopropanol	9.32		"	10.0		93.2	70-130				
Methyl Methacrylate	9.51		"	10.0		95.1	70-130				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	70-130				
Methylene chloride	9.00		"	10.0		90.0	70-130				
n-Heptane	10.1		"	10.0		101	70-130				
n-Hexane	10.5		"	10.0		105	70-130				
o-Xylene	9.87		"	10.0		98.7	70-130				
p- & m- Xylenes	20.1		"	20.0		100	70-130				
p-Ethyltoluene	10.3		"	10.0		103	70-130				
Propylene	9.52		"	10.0		95.2	70-130				
Styrene	10.5		"	10.0		105	70-130				
Tetrachloroethylene	8.93		"	10.0		89.3	70-130				
Tetrahydrofuran	8.11		"	10.0		81.1	70-130				
Toluene	9.69		"	10.0		96.9	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	70-130				
Trichloroethylene	9.98		"	10.0		99.8	70-130				
Trichlorofluoromethane (Freon 11)	11.0		"	10.0		110	70-130				
Vinyl acetate	10.1		"	10.0		101	70-130				
Vinyl bromide	11.2		"	10.0		112	70-130				
Vinyl Chloride	9.16		"	10.0		91.6	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BD20955 - EPA TO15 PREP											
Duplicate (BD20955-DUP1)	*Source sample: 22D0767-01 (Duplicate)						Prepared: 04/15/2022 Analyzed: 04/16/2022				
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³		ND					25	
1,1,1-Trichloroethane	2.9	0.55	"		3.5				20.3	25	
1,1,2,2-Tetrachloroethane	ND	0.69	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.6	0.77	"		2.0				21.3	25	
1,1,2-Trichloroethane	ND	0.55	"		ND					25	
1,1-Dichloroethane	0.45	0.40	"		0.57				24.0	25	
1,1-Dichloroethylene	ND	0.099	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.74	"		ND					25	
1,2,4-Trimethylbenzene	0.64	0.49	"		0.64				0.00	25	
1,2-Dibromoethane	ND	0.77	"		ND					25	
1,2-Dichlorobenzene	ND	0.60	"		ND					25	
1,2-Dichloroethane	ND	0.40	"		ND					25	
1,2-Dichloropropane	ND	0.46	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.70	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.49	"		ND					25	
1,3-Butadiene	ND	0.66	"		ND					25	
1,3-Dichlorobenzene	ND	0.60	"		ND					25	
1,3-Dichloropropane	ND	0.46	"		ND					25	
1,4-Dichlorobenzene	ND	0.60	"		ND					25	
1,4-Dioxane	ND	0.72	"		ND					25	
2-Butanone	2.2	0.29	"		2.3				3.97	25	
2-Hexanone	ND	0.82	"		ND					25	
3-Chloropropene	ND	1.6	"		ND					25	
4-Methyl-2-pentanone	0.74	0.41	"		0.66				11.8	25	
Acetone	39	0.48	"		40				2.11	25	
Acrylonitrile	ND	0.22	"		ND					25	
Benzene	0.73	0.32	"		0.77				4.26	25	
Benzyl chloride	ND	0.52	"		ND					25	
Bromodichloromethane	ND	0.67	"		ND					25	
Bromoform	ND	1.0	"		ND					25	
Bromomethane	ND	0.39	"		ND					25	
Carbon disulfide	ND	0.31	"		ND					25	
Carbon tetrachloride	0.44	0.16	"		0.44				0.00	25	
Chlorobenzene	ND	0.46	"		ND					25	
Chloroethane	ND	0.26	"		ND					25	
Chloroform	2.1	0.49	"		2.5				14.7	25	
Chloromethane	0.35	0.21	"		0.35				0.00	25	
cis-1,2-Dichloroethylene	0.20	0.099	"		0.28				33.3	25	Non-dir.
cis-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Cyclohexane	0.55	0.34	"		0.62				11.8	25	
Dibromochloromethane	ND	0.85	"		ND					25	
Dichlorodifluoromethane	4.0	0.49	"		3.2				21.9	25	
Ethyl acetate	1.4	0.72	"		1.4				2.53	25	
Ethyl Benzene	1.6	0.43	"		1.8				12.7	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Isopropanol	24	0.49	"		19				25.8	25	Non-dir.
Methyl Methacrylate	ND	0.41	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.36	"		ND					25	
Methylene chloride	1.4	0.69	"		0.94				41.2	25	Non-dir.
n-Heptane	0.70	0.41	"		0.70				0.00	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20955 - EPA TO15 PREP

Duplicate (BD20955-DUP1)		*Source sample: 22D0767-01 (Duplicate)				Prepared: 04/15/2022 Analyzed: 04/16/2022					
n-Hexane	1.5	0.35	ug/m ³		1.8				15.1	25	
o-Xylene	1.7	0.43	"		1.9				9.76	25	
p- & m- Xylenes	5.5	0.87	"		6.3				13.2	25	
p-Ethyltoluene	0.54	0.49	"		0.54				0.00	25	
Propylene	ND	0.17	"		ND					25	
Styrene	0.47	0.43	"		0.51				8.70	25	
Tetrachloroethylene	38	0.68	"		43				13.3	25	
Tetrahydrofuran	0.77	0.59	"		0.80				3.77	25	
Toluene	12	0.38	"		13				6.28	25	
trans-1,2-Dichloroethylene	ND	0.40	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Trichloroethylene	11	0.13	"		14				21.9	25	
Trichlorofluoromethane (Freon 11)	1.3	0.56	"		1.6				23.1	25	
Vinyl acetate	ND	0.35	"		ND					25	
Vinyl bromide	ND	0.44	"		ND					25	
Vinyl Chloride	ND	0.13	"		ND					25	

Batch BD21003 - EPA TO15 PREP

Blank (BD21003-BLK1)		Prepared & Analyzed: 04/17/2022									
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Blank (BD21003-BLK1)

Prepared & Analyzed: 04/17/2022

Carbon disulfide	ND	0.31	ug/m ³
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21003 - EPA TO15 PREP											
LCS (BD21003-BS1)						Prepared & Analyzed: 04/17/2022					
1,1,1,2-Tetrachloroethane	11.4		ppbv	10.0		114	70-130				
1,1,1-Trichloroethane	11.6		"	10.0		116	70-130				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	70-130				
1,1-Dichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethylene	11.7		"	10.0		117	70-130				
1,2,4-Trichlorobenzene	7.00		"	10.0		70.0	70-130				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,2-Dibromoethane	11.1		"	10.0		111	70-130				
1,2-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,2-Dichloroethane	11.6		"	10.0		116	70-130				
1,2-Dichloropropane	10.6		"	10.0		106	70-130				
1,2-Dichlorotetrafluoroethane	11.8		"	10.0		118	70-130				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,3-Butadiene	11.6		"	10.0		116	70-130				
1,3-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,3-Dichloropropane	10.8		"	10.0		108	70-130				
1,4-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,4-Dioxane	9.70		"	10.0		97.0	70-130				
2-Butanone	10.8		"	10.0		108	70-130				
2-Hexanone	9.58		"	10.0		95.8	70-130				
3-Chloropropene	11.1		"	10.0		111	70-130				
4-Methyl-2-pentanone	9.96		"	10.0		99.6	70-130				
Acetone	10.1		"	10.0		101	70-130				
Acrylonitrile	10.7		"	10.0		107	70-130				
Benzene	11.3		"	10.0		113	70-130				
Benzyl chloride	8.19		"	10.0		81.9	70-130				
Bromodichloromethane	11.4		"	10.0		114	70-130				
Bromoform	11.9		"	10.0		119	70-130				
Bromomethane	12.6		"	10.0		126	70-130				
Carbon disulfide	11.5		"	10.0		115	70-130				
Carbon tetrachloride	12.4		"	10.0		124	70-130				
Chlorobenzene	11.1		"	10.0		111	70-130				
Chloroethane	11.7		"	10.0		117	70-130				
Chloroform	11.7		"	10.0		117	70-130				
Chloromethane	11.0		"	10.0		110	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Cyclohexane	11.0		"	10.0		110	70-130				
Dibromochloromethane	11.8		"	10.0		118	70-130				
Dichlorodifluoromethane	12.1		"	10.0		121	70-130				
Ethyl acetate	10.8		"	10.0		108	70-130				
Ethyl Benzene	11.0		"	10.0		110	70-130				
Hexachlorobutadiene	11.1		"	10.0		111	70-130				
Isopropanol	10.1		"	10.0		101	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	70-130				
Methylene chloride	10.1		"	10.0		101	70-130				
n-Heptane	11.1		"	10.0		111	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

LCS (BD21003-BS1)

Prepared & Analyzed: 04/17/2022

n-Hexane	11.3		ppbv	10.0		113	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	22.4		"	20.0		112	70-130				
p-Ethyltoluene	11.5		"	10.0		115	70-130				
Propylene	10.9		"	10.0		109	70-130				
Styrene	11.5		"	10.0		115	70-130				
Tetrachloroethylene	9.70		"	10.0		97.0	70-130				
Tetrahydrofuran	9.06		"	10.0		90.6	70-130				
Toluene	10.9		"	10.0		109	70-130				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Trichloroethylene	11.2		"	10.0		112	70-130				
Trichlorofluoromethane (Freon 11)	12.4		"	10.0		124	70-130				
Vinyl acetate	10.5		"	10.0		105	70-130				
Vinyl bromide	12.2		"	10.0		122	70-130				
Vinyl Chloride	11.3		"	10.0		113	70-130				

Duplicate (BD21003-DUP1)

*Source sample: 22D0395-05 (Duplicate)

Prepared & Analyzed: 04/17/2022

1,1,1,2-Tetrachloroethane	ND	0.63	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.50	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.63	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.71	"		ND					25	
1,1,2-Trichloroethane	ND	0.50	"		ND					25	
1,1-Dichloroethane	ND	0.37	"		ND					25	
1,1-Dichloroethylene	ND	0.091	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.68	"		ND					25	
1,2,4-Trimethylbenzene	0.59	0.45	"		0.54				8.00	25	
1,2-Dibromoethane	ND	0.71	"		ND					25	
1,2-Dichlorobenzene	ND	0.55	"		ND					25	
1,2-Dichloroethane	ND	0.37	"		ND					25	
1,2-Dichloropropane	ND	0.43	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.65	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.45	"		ND					25	
1,3-Butadiene	0.082	0.61	"		ND					25	
1,3-Dichlorobenzene	ND	0.55	"		ND					25	
1,3-Dichloropropane	ND	0.43	"		ND					25	
1,4-Dichlorobenzene	ND	0.55	"		ND					25	
1,4-Dioxane	ND	0.67	"		ND					25	
2-Butanone	1.0	0.27	"		0.98				2.74	25	
2-Hexanone	ND	0.76	"		ND					25	
3-Chloropropene	ND	1.4	"		ND					25	
4-Methyl-2-pentanone	0.34	0.38	"		ND					25	
Acetone	7.1	0.44	"		7.1				0.927	25	
Acrylonitrile	ND	0.20	"		ND					25	
Benzene	0.74	0.29	"		0.74				0.00	25	
Benzyl chloride	ND	0.48	"		ND					25	
Bromodichloromethane	ND	0.62	"		ND					25	
Bromoform	ND	0.95	"		ND					25	
Bromomethane	ND	0.36	"		ND					25	
Carbon disulfide	ND	0.29	"		ND					25	
Carbon tetrachloride	0.46	0.15	"		0.52				11.8	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD21003 - EPA TO15 PREP

Duplicate (BD21003-DUP1)		*Source sample: 22D0395-05 (Duplicate)				Prepared & Analyzed: 04/17/2022					
Chlorobenzene	ND	0.42	ug/m ³		ND				27.5	25	
Chloroethane	ND	0.24	"		ND					25	
Chloroform	ND	0.45	"		ND					25	
Chloromethane	1.7	0.19	"		1.3					25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.091	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.42	"		ND					25	
Cyclohexane	0.38	0.32	"		0.38				0.00	25	
Dibromochloromethane	ND	0.79	"		ND					25	
Dichlorodifluoromethane	2.9	0.46	"		2.7				6.56	25	
Ethyl acetate	0.27	0.67	"		0.27				0.00	25	
Ethyl Benzene	0.60	0.40	"		0.60				0.00	25	
Hexachlorobutadiene	ND	0.98	"		ND					25	
Isopropanol	1.1	0.45	"		0.82				30.6	25	Non-dir.
Methyl Methacrylate	0.19	0.38	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.33	"		ND					25	
Methylene chloride	3.2	0.64	"		3.1				1.02	25	
n-Heptane	0.53	0.38	"		0.53				0.00	25	
n-Hexane	0.78	0.33	"		0.78				0.00	25	
o-Xylene	0.72	0.40	"		0.68				5.71	25	
p- & m- Xylenes	2.1	0.80	"		2.0				5.94	25	
p-Ethyltoluene	0.54	0.45	"		0.50				8.70	25	
Propylene	ND	0.16	"		ND					25	
Styrene	ND	0.39	"		ND					25	
Tetrachloroethylene	0.44	0.63	"		0.50				13.3	25	
Tetrahydrofuran	0.63	0.54	"		0.60				4.44	25	
Toluene	4.0	0.35	"		3.9				3.51	25	
trans-1,2-Dichloroethylene	ND	0.37	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.42	"		ND					25	
Trichloroethylene	ND	0.12	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.5	0.52	"		1.6				3.39	25	
Vinyl acetate	ND	0.32	"		ND					25	
Vinyl bromide	ND	0.40	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	





Sample and Data Qualifiers Relating to This Work Order

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QR-01 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

Definitions and Other Explanations

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

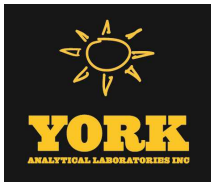
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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





York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No.
2200083

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

Your

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time				
Company:	OT Consulting	Company:	Same	Company:	Same	356060		RUSH - Next Day				
Address:	Services Inc	Address:		Address:				RUSH - Two Day				
Phone:		Phone:		Phone:				RUSH - Three Day				
Contact:		Contact:		Contact:				RUSH - Four Day				
E-mail:		E-mail:		E-mail:				Standard (5-7 Day) ☒				
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Air Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.				
Deborah Thompson Samples Collected by: (print your name above and sign below) Deborah Thompson		AI - Indoor Ambient Air		New York		CT RCP		Standard Excel EDD				
		AO - Outdoor Ambient Air		New Jersey		CT RCP DQA/DUE		EQUIS (Standard)				
		AE - Vapor Extraction Well/Process Gas/Effluent		Connecticut		NJDEP Reduced Deliv.		NYSDEC EQUIS				
		AS - Soil Vapor/Sub-Slab		Pennsylvania		NJDEP SRP HazSite						
Other												
Certified Canisters: Batch ☒ Individual ☐		Please enter the following REQUIRED Field Data										
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Reporting Units: ug/m ³ ☒ ppbv ☐ ppmv ☐					
EW-1	4/3/22 10:23 AM	AS	-30	-7	10748		Analysis Requested					
EW-2	11:40 AM		-26	-6	18307		TO-15					
EW-3	1:09 PM		-30	-8	37993							
EW-4	2:12 PM		-30	-7	10613							
EW-5	3:00 PM		-30	-8	16976							
Comments:									Detection Limits Required		Sampling Media	
									≤ 1 ug/m ³ ☒ NYSDEC V1 Limits ☒		6 Liter Canister	
									Routine Survey ☐ Other ☐		Tedlar Bag	
									Samples Relinquished by / Company		Date/Time	
Deborah Thompson		4/4/22		Andrew S. Gore		4/4/22 11:13		Andrew S. Gore		4/4/22		
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		
								Samples Received in LAB by		04/04/22 14:43		

APPENDIX C
AUGUST 2020 LABORATORY ANALYTICAL REPORTS



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 08/21/2020
Client Project ID: 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 20H0558

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/21/2020
Client Project ID: 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 20H0558

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 August 14, 2020 with a temperature of 3.0 C. The project was identified as your project: **65 Albany Avenue Kingston, New York.**

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>
20H0558-01	SB-1 / MW-1	Soil	08/12/2020	08/14/2020
20H0558-02	SB-2 / MW-2	Soil	08/12/2020	08/14/2020
20H0558-03	SB-3 / MW-3	Soil	08/12/2020	08/14/2020
20H0558-04	SB-4 / MW-4	Soil	08/13/2020	08/14/2020
20H0558-05	MW-1	Water	08/13/2020	08/14/2020
20H0558-06	MW-2	Water	08/13/2020	08/14/2020
20H0558-07	MW-3	Water	08/13/2020	08/14/2020
20H0558-08	MW-4	Water	08/13/2020	08/14/2020

General Notes for York Project (SDG) No.: 20H0558

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: 08/21/2020





Sample Information

Client Sample ID: SB-1 / MW-1

York Sample ID: 20H0558-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 11:10 am

08/14/2020

Volatile Organics, 8260 List

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	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 13:40	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
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,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP



Sample Information

Client Sample ID: SB-1 / MW-1

York Sample ID: 20H0558-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 11:10 am

08/14/2020

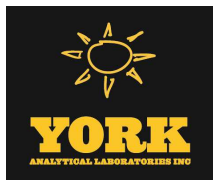
Volatile Organics, 8260 List

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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	91	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 13:40	TMP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 13:40	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
67-64-1	Acetone	50		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 13:40	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 13:40	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 13:40	TMP



Sample Information

Client Sample ID: SB-1 / MW-1

York Sample ID: 20H0558-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 11:10 am

08/14/2020

Volatile Organics, 8260 List

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	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
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,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
75-09-2	Methylene chloride	22		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP



Sample Information

Client Sample ID: SB-1 / MW-1

York Sample ID: 20H0558-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 11:10 am

08/14/2020

Volatile Organics, 8260 List

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	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 13:40	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 13:40	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	109 %			76-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.5		%	0.100	1	SM 2540G Certifications: CTDOH	08/17/2020 08:05	08/17/2020 12:20	WJM

Sample Information

Client Sample ID: SB-2 / MW-2

York Sample ID: 20H0558-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 12:30 pm

08/14/2020

Volatile Organics, 8260 List

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	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 14:06	TMP

120 RESEARCH DRIVE

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Sample Information

Client Sample ID: SB-2 / MW-2

York Sample ID: 20H0558-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 12:30 pm

08/14/2020

Volatile Organics, 8260 List

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	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 14:06	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 14:06	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP



Sample Information

Client Sample ID: SB-2 / MW-2

York Sample ID: 20H0558-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 12:30 pm

08/14/2020

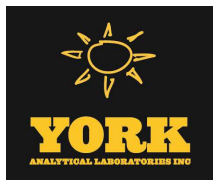
Volatile Organics, 8260 List

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
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
67-64-1	Acetone	52		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:06	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP



Sample Information

Client Sample ID: SB-2 / MW-2

York Sample ID: 20H0558-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 12:30 pm

08/14/2020

Volatile Organics, 8260 List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
75-09-2	Methylene chloride	18		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 14:06	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 14:06	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:06	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 14:06	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								



Sample Information

Client Sample ID: SB-2 / MW-2

York Sample ID: 20H0558-02

York Project (SDG) No.
20H0558

Client Project ID
65 Albany Avenue Kingston, New York

Matrix
Soil

Collection Date/Time
August 12, 2020 12:30 pm

Date Received
08/14/2020

Volatile Organics, 8260 List

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
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %			76-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.4		%	0.100	1	SM 2540G Certifications: CTDOH	08/17/2020 08:05	08/17/2020 12:20	WJM

Sample Information

Client Sample ID: SB-3 / MW-3

York Sample ID: 20H0558-03

York Project (SDG) No.
20H0558

Client Project ID
65 Albany Avenue Kingston, New York

Matrix
Soil

Collection Date/Time
August 12, 2020 3:40 pm

Date Received
08/14/2020

Volatile Organics, 8260 List

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	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 14:33	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	08/18/2020 06:18	08/18/2020 14:33	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	08/18/2020 06:18	08/18/2020 14:33	TMP



Sample Information

Client Sample ID: SB-3 / MW-3

York Sample ID: 20H0558-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 3:40 pm

08/14/2020

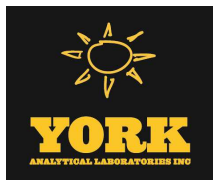
Volatile Organics, 8260 List

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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 14:33	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 14:33	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
67-64-1	Acetone	37		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP



Sample Information

Client Sample ID: SB-3 / MW-3

York Sample ID: 20H0558-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 12, 2020 3:40 pm

08/14/2020

Volatile Organics, 8260 List

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
75-09-2	Methylene chloride	14		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:33	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP



Sample Information

Client Sample ID: SB-3 / MW-3

York Sample ID: 20H0558-03

York Project (SDG) No.
20H0558

Client Project ID
65 Albany Avenue Kingston, New York

Matrix
Soil

Collection Date/Time
August 12, 2020 3:40 pm

Date Received
08/14/2020

Volatile Organics, 8260 List

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
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
127-18-4	Tetrachloroethylene	4.6	J	ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	08/18/2020 06:18	08/18/2020 14:33	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:33	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 14:33	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130								

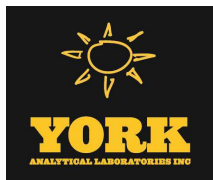
Total Solids

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	84.3		%	0.100	1	SM 2540G Certifications: CTDOH	08/17/2020 08:05	08/17/2020 12:20	WJM



Sample Information

Client Sample ID: SB-3 / MW-3

York Sample ID: 20H0558-03

York Project (SDG) No.
20H0558

Client Project ID
65 Albany Avenue Kingston, New York

Matrix
Soil

Collection Date/Time
August 12, 2020 3:40 pm

Date Received
08/14/2020

Sample Information

Client Sample ID: SB-4 / MW-4

York Sample ID: 20H0558-04

York Project (SDG) No.
20H0558

Client Project ID
65 Albany Avenue Kingston, New York

Matrix
Soil

Collection Date/Time
August 13, 2020 9:25 am

Date Received
08/14/2020

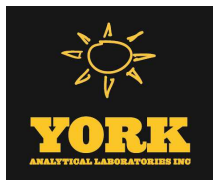
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 14:59	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 14:59	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 14:59	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 14:59	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJ	08/18/2020 06:18	08/18/2020 14:59	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP



Sample Information

Client Sample ID: SB-4 / MW-4

York Sample ID: 20H0558-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 13, 2020 9:25 am

08/14/2020

Volatile Organics, 8260 List

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:18	08/18/2020 14:59	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
67-64-1	Acetone	44		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP



Sample Information

Client Sample ID: SB-4 / MW-4

York Sample ID: 20H0558-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 13, 2020 9:25 am

08/14/2020

Volatile Organics, 8260 List

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
75-09-2	Methylene chloride	16		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJIE	08/18/2020 06:18	08/18/2020 14:59	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
127-18-4	Tetrachloroethylene	9.6		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP



Sample Information

Client Sample ID: SB-4 / MW-4

York Sample ID: 20H0558-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Soil

August 13, 2020 9:25 am

08/14/2020

Volatile Organics, 8260 List

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	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJE	08/18/2020 06:18	08/18/2020 14:59	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:18	08/18/2020 14:59	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:18	08/18/2020 14:59	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %			76-130						

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	89.8		%	0.100	1	SM 2540G Certifications: CTDOH	08/17/2020 08:05	08/17/2020 12:20	WJM

Sample Information

Client Sample ID: MW-1

York Sample ID: 20H0558-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 12:05 pm

08/14/2020

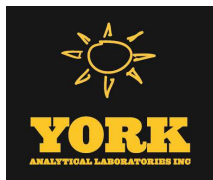
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP



Sample Information

Client Sample ID: MW-1

York Sample ID: 20H0558-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 12:05 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:54	08/18/2020 16:06	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 16:06	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP



Sample Information

Client Sample ID: MW-1

York Sample ID: 20H0558-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 12:05 pm

08/14/2020

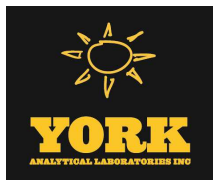
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP



Sample Information

Client Sample ID: MW-1

York Sample ID: 20H0558-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 12:05 pm

08/14/2020

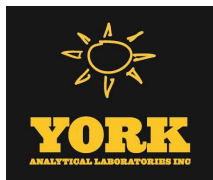
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:06	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 16:06	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 16:06	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 16:06	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 16:06	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
127-18-4	Tetrachloroethylene	2.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP



Sample Information

Client Sample ID: MW-1

York Sample ID: 20H0558-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 12:05 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:06	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.3 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.6 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	79-122								

Sample Information

Client Sample ID: MW-2

York Sample ID: 20H0558-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 1:00 pm

08/14/2020

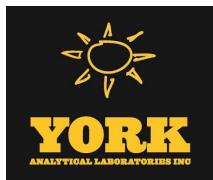
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP



Sample Information

Client Sample ID: MW-2

York Sample ID: 20H0558-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 1:00 pm

08/14/2020

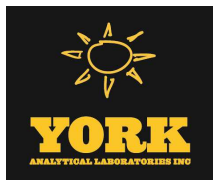
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:54	08/18/2020 16:58	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 16:58	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP



Sample Information

Client Sample ID: MW-2

York Sample ID: 20H0558-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 1:00 pm

08/14/2020

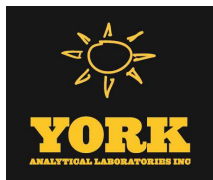
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP



Sample Information

Client Sample ID: MW-2

York Sample ID: 20H0558-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 1:00 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 16:58	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 16:58	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 16:58	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 16:58	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 16:58	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 16:58	TMP

Surrogate Recoveries

Result

Acceptance Range

120 RESEARCH DRIVE

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(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@yorklab.com



Sample Information

Client Sample ID: MW-2

York Sample ID: 20H0558-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 1:00 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.5 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.6 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			79-122						

Sample Information

Client Sample ID: MW-3

York Sample ID: 20H0558-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:15 pm

08/14/2020

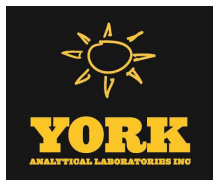
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:54	08/18/2020 17:23	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	08/18/2020 06:54	08/18/2020 17:23	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	08/18/2020 06:54	08/18/2020 17:23	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 17:23	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	08/18/2020 06:54	08/18/2020 17:23	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP



Sample Information

Client Sample ID: MW-3

York Sample ID: 20H0558-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:15 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP



Sample Information

Client Sample ID: MW-3

York Sample ID: 20H0558-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:15 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:23	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 17:23	TMP



Sample Information

Client Sample ID: MW-3

York Sample ID: 20H0558-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:15 pm

08/14/2020

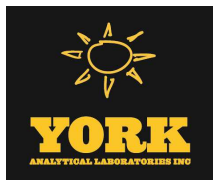
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 17:23	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 17:23	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 17:23	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
127-18-4	Tetrachloroethylene	5.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:23	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.9 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.5 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	79-122								



Sample Information

Client Sample ID: MW-4

York Sample ID: 20H0558-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:40 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2020 06:54	08/18/2020 17:49	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 17:49	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP



Sample Information

Client Sample ID: MW-4

York Sample ID: 20H0558-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:40 pm

08/14/2020

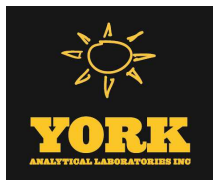
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
67-66-3	Chloroform	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP



Sample Information

Client Sample ID: MW-4

York Sample ID: 20H0558-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:40 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/18/2020 06:54	08/18/2020 17:49	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 17:49	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/18/2020 06:54	08/18/2020 17:49	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 17:49	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/18/2020 06:54	08/18/2020 17:49	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
127-18-4	Tetrachloroethylene	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP



Sample Information

Client Sample ID: MW-4

York Sample ID: 20H0558-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0558

65 Albany Avenue Kingston, New York

Water

August 13, 2020 2:40 pm

08/14/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/18/2020 06:54	08/18/2020 17:49	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.4 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	79-122								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0558-01	SB-1 / MW-1	40mL Vial with Stir Bar-Cool 4° C
20H0558-02	SB-2 / MW-2	40mL Vial with Stir Bar-Cool 4° C
20H0558-03	SB-3 / MW-3	40mL Vial with Stir Bar-Cool 4° C
20H0558-04	SB-4 / MW-4	40mL Vial with Stir Bar-Cool 4° C
20H0558-05	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0558-06	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0558-07	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H0558-08	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
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.



Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 08/21/2020
Client Project ID: 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 20H0572

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/21/2020
Client Project ID: 65 Albany Avenue Kingston, New York
York Project (SDG) No.: 20H0572

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 August 14, 2020 with a temperature of C. The project was identified as your project: **65 Albany Avenue Kingston, New York.**

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>
20H0572-01	SG-1	Soil Vapor	08/13/2020	08/14/2020
20H0572-02	SG-2	Soil Vapor	08/13/2020	08/14/2020
20H0572-03	SG-3	Soil Vapor	08/13/2020	08/14/2020
20H0572-04	SG-4	Soil Vapor	08/13/2020	08/14/2020
20H0572-05	SG-5	Soil Vapor	08/13/2020	08/14/2020
20H0572-06	IA-1	Indoor Ambient Air	08/13/2020	08/14/2020
20H0572-07	IA-2	Indoor Ambient Air	08/13/2020	08/14/2020

General Notes for York Project (SDG) No.: 20H0572

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: 08/21/2020





Sample Information

Client Sample ID: SG-1

York Sample ID: 20H0572-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:17 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	4.1	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
71-55-6	1,1,1-Trichloroethane	10		ug/m ³	3.2	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	4.1	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	4.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	3.2	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	2.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-35-4	1,1-Dichloroethylene	0.94		ug/m ³	0.59	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	4.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
95-63-6	1,2,4-Trimethylbenzene	23		ug/m ³	2.9	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	4.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	3.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	2.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	2.8	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	4.2	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
108-67-8	1,3,5-Trimethylbenzene	7.3		ug/m ³	2.9	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	4.0	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	3.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	2.8	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	3.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	4.3	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
78-93-3	2-Butanone	7.4		ug/m ³	1.8	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ



Sample Information

Client Sample ID: SG-1

York Sample ID: 20H0572-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:17 am

08/14/2020

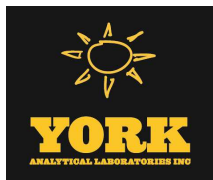
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	4.9	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	9.3	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
108-10-1	4-Methyl-2-pentanone	2.7		ug/m ³	2.4	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
67-64-1	Acetone	62		ug/m ³	2.8	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	1.3	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
71-43-2	Benzene	5.5		ug/m ³	1.9	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	3.1	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	4.0	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-25-2	Bromoform	ND		ug/m ³	6.2	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
74-83-9	Bromomethane	ND		ug/m ³	2.3	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-15-0	Carbon disulfide	1.9		ug/m ³	1.9	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.94	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	2.7	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-00-3	Chloroethane	ND		ug/m ³	1.6	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
67-66-3	Chloroform	ND		ug/m ³	2.9	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
74-87-3	Chloromethane	ND		ug/m ³	1.2	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.59	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	2.7	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
110-82-7	Cyclohexane	2.1		ug/m ³	2.1	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	5.1	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-71-8	Dichlorodifluoromethane	95		ug/m ³	2.9	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	4.3	5.956	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 19:24	LLJ



Sample Information

Client Sample ID: SG-1

York Sample ID: 20H0572-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:17 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	17		ug/m ³	2.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	6.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
67-63-0	Isopropanol	12		ug/m ³	2.9	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	2.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	2.1	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	4.1	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
142-82-5	n-Heptane	5.9		ug/m ³	2.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
110-54-3	n-Hexane	4.0		ug/m ³	2.1	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
95-47-6	o-Xylene	21		ug/m ³	2.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
179601-23-1	p- & m- Xylenes	52		ug/m ³	5.2	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
622-96-8	* p-Ethyltoluene	21		ug/m ³	2.9	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
115-07-1	* Propylene	ND		ug/m ³	1.0	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
100-42-5	Styrene	7.1		ug/m ³	2.5	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
127-18-4	Tetrachloroethylene	1500		ug/m ³	4.0	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
109-99-9	* Tetrahydrofuran	18		ug/m ³	3.5	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
108-88-3	Toluene	31		ug/m ³	2.2	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	2.4	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	2.7	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
79-01-6	Trichloroethylene	1.6		ug/m ³	0.80	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	27		ug/m ³	3.3	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	2.1	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	2.6	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ



Sample Information

Client Sample ID: SG-1

York Sample ID: 20H0572-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:17 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.76	5.956	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 19:24	LLJ
Surrogate Recoveries		Result		Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %		70-130						

Sample Information

Client Sample ID: SG-2

York Sample ID: 20H0572-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:47 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	19	27.28	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 02:46	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	15	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	19	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	21	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	15	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	2.7	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	20	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
95-63-6	1,2,4-Trimethylbenzene	16		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	21	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	16	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ



Sample Information

Client Sample ID: SG-2

York Sample ID: 20H0572-02

York Project (SDG) No.
20H0572

Client Project ID
65 Albany Avenue Kingston, New York

Matrix
Soil Vapor

Collection Date/Time
August 13, 2020 11:47 am

Date Received
08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	19	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	18	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	16	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	16	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	20	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
78-93-3	2-Butanone	ND		ug/m ³	8.0	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	22	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	43	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
67-64-1	Acetone	310		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	5.9	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
71-43-2	Benzene	27		ug/m ³	8.7	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	14	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	18	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-25-2	Bromoform	ND		ug/m ³	28	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
74-83-9	Bromomethane	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	8.5	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	4.3	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ



Sample Information

Client Sample ID: SG-2

York Sample ID: 20H0572-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:47 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m ³	7.2	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
67-66-3	Chloroform	ND		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
74-87-3	Chloromethane	ND		ug/m ³	5.6	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	2.7	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	12	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
110-82-7	Cyclohexane	12		ug/m ³	9.4	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	23	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-71-8	Dichlorodifluoromethane	180		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	20	27.28	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 02:46	LLJ
100-41-4	Ethyl Benzene	18		ug/m ³	12	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	29	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
67-63-0	Isopropanol	ND		ug/m ³	13	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	9.8	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	19	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
142-82-5	n-Heptane	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
110-54-3	n-Hexane	11		ug/m ³	9.6	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
95-47-6	o-Xylene	28		ug/m ³	12	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
179601-23-1	p- & m- Xylenes	50		ug/m ³	24	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
622-96-8	* p-Ethyltoluene	13		ug/m ³	13	27.28	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 02:46	LLJ
115-07-1	* Propylene	ND		ug/m ³	4.7	27.28	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 02:46	LLJ
100-42-5	Styrene	ND		ug/m ³	12	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ



Sample Information

Client Sample ID: SG-2

York Sample ID: 20H0572-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 11:47 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	6600		ug/m ³	46	68.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 01:59	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	16	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
108-88-3	Toluene	45		ug/m ³	10	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	11	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	12	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	3.7	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	31		ug/m ³	15	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	9.6	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	12	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	3.5	27.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 02:46	LLJ
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	117 %		70-130						

Sample Information

Client Sample ID: SG-3

York Sample ID: 20H0572-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:16 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ



Sample Information

Client Sample ID: SG-3

York Sample ID: 20H0572-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:16 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.0	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
95-63-6	1,2,4-Trimethylbenzene	24		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.0	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	9.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	11	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
78-93-3	2-Butanone	5.3		ug/m ³	4.4	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	12	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	23	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
67-64-1	Acetone	37		ug/m ³	7.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.2	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ



Sample Information

Client Sample ID: SG-3

York Sample ID: 20H0572-03

York Project (SDG) No.

20H0572

Client Project ID

65 Albany Avenue Kingston, New York

Matrix

Soil Vapor

Collection Date/Time

August 13, 2020 12:16 pm

Date Received

08/14/2020

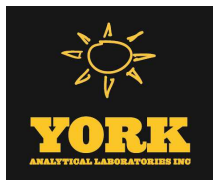
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/m ³	4.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	7.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-25-2	Bromoform	ND		ug/m ³	15	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
74-83-9	Bromomethane	ND		ug/m ³	5.8	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	4.6	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	6.8	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-00-3	Chloroethane	ND		ug/m ³	3.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
67-66-3	Chloroform	ND		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	5.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	13	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-71-8	Dichlorodifluoromethane	19		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	11	14.86	EPA TO-15 Certifications:	08/18/2020 09:00	08/19/2020 05:31	LLJ
100-41-4	Ethyl Benzene	13		ug/m ³	6.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
67-63-0	Isopropanol	46		ug/m ³	7.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.4	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ



Sample Information

Client Sample ID: SG-3

York Sample ID: 20H0572-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:16 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
142-82-5	n-Heptane	ND		ug/m ³	6.1	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
110-54-3	n-Hexane	ND		ug/m ³	5.2	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
95-47-6	o-Xylene	16		ug/m ³	6.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
179601-23-1	p- & m- Xylenes	37		ug/m ³	13	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
622-96-8	* p-Ethyltoluene	18		ug/m ³	7.3	14.86	EPA TO-15 Certifications:	08/18/2020 09:00	08/19/2020 05:31	LLJ
115-07-1	* Propylene	ND		ug/m ³	2.6	14.86	EPA TO-15 Certifications:	08/18/2020 09:00	08/19/2020 05:31	LLJ
100-42-5	Styrene	ND		ug/m ³	6.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
127-18-4	Tetrachloroethylene	1800		ug/m ³	10	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
109-99-9	* Tetrahydrofuran	13		ug/m ³	8.8	14.86	EPA TO-15 Certifications:	08/18/2020 09:00	08/19/2020 05:31	LLJ
108-88-3	Toluene	21		ug/m ³	5.6	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	2.0	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	120		ug/m ³	8.3	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	5.2	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	6.5	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	1.9	14.86	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 05:31	LLJ
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	119 %	70-130							



Sample Information

Client Sample ID: SG-4

York Sample ID: 20H0572-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:22 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	9.5	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	7.5	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	9.5	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.5	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.6	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.4	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	10	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
95-63-6	1,2,4-Trimethylbenzene	16		ug/m ³	6.8	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.3	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.6	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.4	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.6	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	6.8	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	9.2	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.3	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.4	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.3	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	9.9	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
78-93-3	2-Butanone	ND		ug/m ³	4.1	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ



Sample Information

Client Sample ID: SG-4

York Sample ID: 20H0572-04

York Project (SDG) No.

20H0572

Client Project ID

65 Albany Avenue Kingston, New York

Matrix

Soil Vapor

Collection Date/Time

August 13, 2020 12:22 pm

Date Received

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	11	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	22	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	5.6	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
67-64-1	Acetone	25		ug/m ³	6.6	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.0	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
71-43-2	Benzene	ND		ug/m ³	4.4	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	7.1	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	9.2	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-25-2	Bromoform	ND		ug/m ³	14	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
74-83-9	Bromomethane	ND		ug/m ³	5.4	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	4.3	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.2	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	6.3	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-00-3	Chloroethane	ND		ug/m ³	3.6	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
67-66-3	Chloroform	ND		ug/m ³	6.7	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
74-87-3	Chloromethane	ND		ug/m ³	2.8	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.4	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.3	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	4.7	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	12	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-71-8	Dichlorodifluoromethane	1100		ug/m ³	6.8	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	9.9	13.79	EPA TO-15 Certifications:	08/20/2020 09:00	08/20/2020 20:10	LLJ



Sample Information

Client Sample ID: SG-4

York Sample ID: 20H0572-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:22 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	9.6		ug/m ³	6.0	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	15	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
67-63-0	Isopropanol	58		ug/m ³	6.8	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	5.6	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.0	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	9.6	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
142-82-5	n-Heptane	ND		ug/m ³	5.7	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
110-54-3	n-Hexane	ND		ug/m ³	4.9	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
95-47-6	o-Xylene	13		ug/m ³	6.0	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
179601-23-1	p- & m- Xylenes	31		ug/m ³	12	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
622-96-8	* p-Ethyltoluene	14		ug/m ³	6.8	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
115-07-1	* Propylene	ND		ug/m ³	2.4	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
100-42-5	Styrene	ND		ug/m ³	5.9	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
127-18-4	Tetrachloroethylene	4300		ug/m ³	9.4	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
109-99-9	* Tetrahydrofuran	11		ug/m ³	8.1	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
108-88-3	Toluene	16		ug/m ³	5.2	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.5	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.3	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
79-01-6	Trichloroethylene	12		ug/m ³	1.9	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	370		ug/m ³	7.7	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	4.9	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	6.0	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ



Sample Information

Client Sample ID: SG-4

York Sample ID: 20H0572-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:22 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	1.8	13.79	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/20/2020 20:10	LLJ
Surrogate Recoveries		Result		Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %		70-130						

Sample Information

Client Sample ID: SG-5

York Sample ID: 20H0572-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:06 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	2.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.6	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.6	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.29	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	2.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
95-63-6	1,2,4-Trimethylbenzene	21		ug/m ³	1.4	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.7	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ



Sample Information

Client Sample ID: SG-5

York Sample ID: 20H0572-05

York Project (SDG) No.

20H0572

Client Project ID

65 Albany Avenue Kingston, New York

Matrix

Soil Vapor

Collection Date/Time

August 13, 2020 12:06 pm

Date Received

08/14/2020

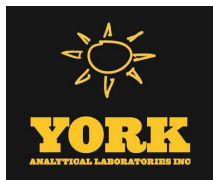
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
108-67-8	1,3,5-Trimethylbenzene	5.3		ug/m ³	1.4	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.9	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.7	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.3	2.91	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 08:54	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.7	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	2.1	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
78-93-3	2-Butanone	5.3		ug/m ³	0.86	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	2.4	2.91	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 08:54	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	4.6	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
108-10-1	4-Methyl-2-pentanone	1.9		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
67-64-1	Acetone	52		ug/m ³	1.4	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.63	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
71-43-2	Benzene	1.1		ug/m ³	0.93	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	1.5	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.9	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-25-2	Bromoform	ND		ug/m ³	3.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
74-83-9	Bromomethane	ND		ug/m ³	1.1	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.91	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
56-23-5	Carbon tetrachloride	0.73		ug/m ³	0.46	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ



Sample Information

Client Sample ID: SG-5

York Sample ID: 20H0572-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:06 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m ³	0.77	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
67-66-3	Chloroform	1.6		ug/m ³	1.4	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.60	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.29	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	1.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	2.5	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-71-8	Dichlorodifluoromethane	28		ug/m ³	1.4	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	2.1	2.91	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 08:54	LLJ
100-41-4	Ethyl Benzene	11		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	3.1	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
67-63-0	Isopropanol	66		ug/m ³	1.4	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	2.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
142-82-5	n-Heptane	2.5		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
110-54-3	n-Hexane	1.1		ug/m ³	1.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
95-47-6	o-Xylene	16		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
179601-23-1	p- & m- Xylenes	38		ug/m ³	2.5	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
622-96-8	* p-Ethyltoluene	19		ug/m ³	1.4	2.91	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 08:54	LLJ
115-07-1	* Propylene	0.65		ug/m ³	0.50	2.91	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 08:54	LLJ
100-42-5	Styrene	5.3		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ



Sample Information

Client Sample ID: SG-5

York Sample ID: 20H0572-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Soil Vapor

August 13, 2020 12:06 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	710		ug/m ³	2.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
109-99-9	* Tetrahydrofuran	11		ug/m ³	1.7	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
108-88-3	Toluene	18		ug/m ³	1.1	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.2	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
79-01-6	Trichloroethylene	2.7		ug/m ³	0.39	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	380		ug/m ³	1.6	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	1.0	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	1.3	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.37	2.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 08:54	LLJ
	Surrogate Recoveries	Result		Acceptance Range						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %		70-130						

Sample Information

Client Sample ID: IA-1

York Sample ID: 20H0572-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Indoor Ambient Air

August 13, 2020 11:50 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.0	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.83	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.0	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 20H0572-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Indoor Ambient Air

August 13, 2020 11:50 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.83	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.62	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-35-4	1,1-Dichloroethylene	2.5		ug/m ³	0.15	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.1	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
95-63-6	1,2,4-Trimethylbenzene	4.2		ug/m ³	0.75	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.91	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
107-06-2	1,2-Dichloroethane	2.6		ug/m ³	0.62	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.70	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
108-67-8	1,3,5-Trimethylbenzene	3.7		ug/m ³	0.75	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.0	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.91	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.70	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.91	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
78-93-3	2-Butanone	4.6		ug/m ³	0.45	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.2	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.4	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
108-10-1	4-Methyl-2-pentanone	2.7		ug/m ³	0.62	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
67-64-1	Acetone	41		ug/m ³	0.72	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.33	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 20H0572-06

York Project (SDG) No.

20H0572

Client Project ID

65 Albany Avenue Kingston, New York

Matrix

Indoor Ambient Air

Collection Date/Time

August 13, 2020 11:50 am

Date Received

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	2.1		ug/m ³	0.49	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.79	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.6	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.59	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-15-0	Carbon disulfide	2.1		ug/m ³	0.47	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.24	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.70	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.40	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
67-66-3	Chloroform	3.1		ug/m ³	0.74	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
74-87-3	Chloromethane	2.4		ug/m ³	0.31	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.15	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.69	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
110-82-7	Cyclohexane	2.2		ug/m ³	0.52	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-71-8	Dichlorodifluoromethane	4.5		ug/m ³	0.75	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
141-78-6	* Ethyl acetate	2.6		ug/m ³	1.1	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
100-41-4	Ethyl Benzene	3.4		ug/m ³	0.66	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.6	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
67-63-0	Isopropanol	70		ug/m ³	0.75	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.62	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.55	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 20H0572-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Indoor Ambient Air

August 13, 2020 11:50 am

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	3.5		ug/m ³	1.1	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
142-82-5	n-Heptane	2.7		ug/m ³	0.62	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
110-54-3	n-Hexane	2.6		ug/m ³	0.54	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
95-47-6	o-Xylene	3.7		ug/m ³	0.66	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
179601-23-1	p- & m- Xylenes	7.9		ug/m ³	1.3	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
622-96-8	* p-Ethyltoluene	3.7		ug/m ³	0.75	1.52	EPA TO-15 Certifications:	08/20/2020 09:00	08/21/2020 11:08	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.26	1.52	EPA TO-15 Certifications:	08/20/2020 09:00	08/21/2020 11:08	LLJ
100-42-5	Styrene	3.2		ug/m ³	0.65	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
127-18-4	Tetrachloroethylene	12		ug/m ³	1.0	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
109-99-9	* Tetrahydrofuran	1.8		ug/m ³	0.90	1.52	EPA TO-15 Certifications:	08/20/2020 09:00	08/21/2020 11:08	LLJ
108-88-3	Toluene	5.2		ug/m ³	0.57	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.60	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.69	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.20	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	110		ug/m ³	0.85	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.54	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.66	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.19	1.52	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/20/2020 09:00	08/21/2020 11:08	LLJ
Surrogate Recoveries		Result	Acceptance Range							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %	70-130							



Sample Information

Client Sample ID: IA-2

York Sample ID: 20H0572-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Indoor Ambient Air

August 13, 2020 12:08 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.52	0.758	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 10:53	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.41	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.52	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.93		ug/m ³	0.58	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.41	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.31	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-35-4	1,1-Dichloroethylene	0.15		ug/m ³	0.075	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.56	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
95-63-6	1,2,4-Trimethylbenzene	2.2		ug/m ³	0.37	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.58	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.46	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.31	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.35	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.53	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
108-67-8	1,3,5-Trimethylbenzene	0.78		ug/m ³	0.37	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.50	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.46	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.35	0.758	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 10:53	LLJ
106-46-7	1,4-Dichlorobenzene	0.82		ug/m ³	0.46	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.55	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
78-93-3	2-Butanone	4.5		ug/m ³	0.22	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.62	0.758	EPA TO-15 Certifications:	08/17/2020 09:00	08/18/2020 10:53	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 20H0572-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0572

65 Albany Avenue Kingston, New York

Indoor Ambient Air

August 13, 2020 12:08 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
108-10-1	4-Methyl-2-pentanone	0.75		ug/m ³	0.31	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
67-64-1	Acetone	71		ug/m ³	3.4	7.105	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 06:21	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.16	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
71-43-2	Benzene	0.46		ug/m ³	0.24	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.39	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.51	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.78	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.29	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-15-0	Carbon disulfide	0.76		ug/m ³	0.24	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
56-23-5	Carbon tetrachloride	1.1		ug/m ³	0.12	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.35	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.20	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
67-66-3	Chloroform	1.2		ug/m ³	0.37	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
74-87-3	Chloromethane	1.6		ug/m ³	0.16	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.090		ug/m ³	0.075	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.34	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
110-82-7	Cyclohexane	0.47		ug/m ³	0.26	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.65	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-71-8	Dichlorodifluoromethane	5.2		ug/m ³	0.37	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
141-78-6	* Ethyl acetate	3.7		ug/m ³	0.55	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
100-41-4	Ethyl Benzene	0.92		ug/m ³	0.33	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 20H0572-07

York Project (SDG) No.

Client Project ID

Matrix

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20H0572

65 Albany Avenue Kingston, New York

Indoor Ambient Air

August 13, 2020 12:08 pm

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.81	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
67-63-0	Isopropanol	1100	E, TO-IPA	ug/m ³	3.5	7.105	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 06:21	LLJ
80-62-6	Methyl Methacrylate	0.50		ug/m ³	0.31	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.27	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-09-2	Methylene chloride	1.3		ug/m ³	0.53	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
142-82-5	n-Heptane	0.96		ug/m ³	0.31	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
110-54-3	n-Hexane	0.75		ug/m ³	0.27	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
95-47-6	o-Xylene	1.4		ug/m ³	0.33	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
179601-23-1	p- & m- Xylenes	2.9		ug/m ³	0.66	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
622-96-8	* p-Ethyltoluene	1.2		ug/m ³	0.37	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.13	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
100-42-5	Styrene	1.3		ug/m ³	0.32	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
127-18-4	Tetrachloroethylene	8.8		ug/m ³	0.51	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
109-99-9	* Tetrahydrofuran	0.63		ug/m ³	0.45	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
108-88-3	Toluene	4.6		ug/m ³	0.29	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.30	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.34	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
79-01-6	Trichloroethylene	0.20		ug/m ³	0.10	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	460		ug/m ³	4.0	7.105	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/18/2020 09:00	08/19/2020 06:21	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.27	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
593-60-2	Vinyl bromide	1.3		ug/m ³	0.33	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.097	0.758	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/17/2020 09:00	08/18/2020 10:53	LLJ
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: IA-2

York Sample ID: 20H0572-07

York Project (SDG) No.

20H0572

Client Project ID

65 Albany Avenue Kingston, New York

Matrix

Indoor Ambient Air

Collection Date/Time

August 13, 2020 12:08 pm

Date Received

08/14/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: <i>p</i> -Bromofluorobenzene	117 %			70-130					





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

Definitions and Other Explanations

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

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

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



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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



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Field Chain-of-Custody Record - AIR

YORK Project No.

20H0572

Your

Page

1 of 1

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

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	YOUR Project Name		RUSH - Next Day	
Deborah Thompson		Same		Same		605 Albany Avenue Kingston, New York		RUSH - Two Day	
Phone:	Contact:	Phone:	Contact:	Phone:	Contact:			RUSH - Three Day	
Deborah Thompson								RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day)	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Air Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Deborah Thompson Samples Collected by: (print your name above and sign below) Deborah Thompson		AI - Indoor Ambient Air		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
		AO - Outdoor Amb. Air		New Jersey		QA Report		Standard Excel EDD	
		AE - Vapor Extraction Well/ Process Gas/Effluent		Connecticut		NY ASP A Package		EQUIS (Standard)	
		AS - Soil Vapor/Sub-Slab		Pennsylvania		NY ASP B Package		NYSDEC EQUIS	
				Other		Other:		NJDEP SRP HazSite	
Certified Canisters: Batch Individual		Air Matrix		Canister Vacuum Before Sampling (in Hg)		Canister ID		Reporting Units: ug/m ³ ppbv ppmv	
Sample Identification		Date/Time Sampled		Canister Vacuum After Sampling (in Hg)		Flow Cont. ID		Analysis Requested	
SG-1		8/13/20 11:17		2		3413		70-15	
SG-2		11:47		2		6878			
SG-3		12:14		0		6864			
SG-4		12:22		0		5415			
SG-5		12:00		2		7094			
TA-1		11:50		0		5608			
TA-2		12:08		0		7076			
OA-1		12:20		4		6861			
Comments:		Samples Relinquished by / Company		Date/Time		Detection Limits Required		Sampling Media	
Deborah Thompson 8/14/20 10:00		Chin C		8-14-20 10:00		≤ 1 ug/m ³ NYSDEC V1 Limits		6 Liter Canister	
Deborah Thompson 8/14/20 15:04		Chin C		8/14/20 15:04		Routine Survey		Tedlar Bag	
Deborah Thompson 8-14-20 15:04		Chin C		8/14/20 15:04		Samples Relinquished by / Company		Date/Time	
Deborah Thompson 8-14-20 21:40		Chin C		8/14/20 21:40		Samples Received by / Company		Date/Time	
Deborah Thompson 8-14-20 21:40		Chin C		8/14/20 21:40		Samples Received in LAB by		Date/Time	
Deborah Thompson 8-14-20 21:40		Chin C		8/14/20 21:40		Samples Received in LAB by		Date/Time	

APPENDIX D
AERSCREEN Model – Data Input

Appendix D - AERSCREEN MODEL DATA INPUT - PCE

Max 1-Hour Concentration [µg/m³]	Distance [m]	Elevation [m]	Season/ Month	Surface Roughness Sector Number	Date	Heat Flux [W/m²]	Friction Velocity [m/s]	Convective Velocity [m/s]	Lapse Rate [K/m]	Convective Mixing Height [m]	Mechanical Mixing Height [m]	Monin-Obukhov Length [m]	Surface Roughness Length [m]	Bowen Ratio	Albedo	Wind Speed [m/s]	Anemometer Height [m]	Temperature [°K]	Height of Temperature [m]
2.99E+00	3.05	0	Summer	0	10021812	330.06	0.193	1.8	0.02	673	195	-2.1	1	2	0.16	0.5	10	310	2
8.32E+00	5	0	Summer	0	10021812	330.06	0.193	1.8	0.02	673	195	-2.1	1	2	0.16	0.5	10	310	2
2.63E+00	25	0	Winter	0	10011201	-1.3	0.043	-9	0.02	-999	208	6	1	1.5	0.35	0.5	10	310	2

Appendix D - AERSCREEN MODEL DATA INPUT - METHYLENE CHLORIDE

Max 1-Hour Concentration [µg/m³]	Distance [m]	Elevation [m]	Season/ Month	Surface Roughness Sector Number	Date	Heat Flux [W/m²]	Friction Velocity [m/s]	Convective Velocity [m/s]	Lapse Rate [K/m]	Convective Mixing Height [m]	Mechanical Mixing Height [m]	Monin-Obukhov Length [m]	Surface Roughness Length [m]	Bowen Ratio	Albedo	Wind Speed [m/s]	Anemometer Height [m]	Temperature [°K]	Height of Temperature [m]
1.66E-02	3.05	0	Summer	0	10021812	330.06	0.193	1.8	0.02	673	195	-2.1	1	2	0.16	0.5	10	310	2
4.63E-02	5	0	Summer	0	10021812	330.06	0.193	1.8	0.02	673	195	-2.1	1	2	0.16	0.5	10	310	2
1.46E-02	25	0	Winter	0	10011201	-1.3	0.043	-9	0.02	-999	208	6	1	1.5	0.35	0.5	10	310	2

Appendix D - AERSCREEN MODEL DATA INPUT - TCE

Max 1- Hour Concentr ation [µg/m³]	Distance [m]	Elevation [m]	Season/ Month	Surface Roughnes s Sector Number	Date	Heat Flux [W/m²]	Friction Velocity [m/s]	Convectiv e Velocity [m/s]	Lapse Rate [K/m]	Convectiv e Mixing Height [m]	Mechanic al Mixing Height [m]	Monin- Obukhov Length [m]	Surface Roughnes s Length [m]	Bowen Ratio	Albedo	Wind Speed [m/s]	Anemom eter Height [m]	Temperat ure [°K]	Height of Temperat ure [m]
1.03E-03	3.05	0	Summer	0	10021812	330.06	0.193	1.8	0.02	673	195	-2.1	1	2	0.16	0.5	10	310	2
2.87E-03	5	0	Summer	0	10021812	330.06	0.193	1.8	0.02	673	195	-2.1	1	2	0.16	0.5	10	310	2
9.06E-04	25	0	Winter	0	10011201	-1.3	0.043	-9	0.02	-999	208	6	1	1.5	0.35	0.5	10	310	2