

November 12, 2024

Regan Development Corporation
ATTN: Jeremy Regan
1055 Saw Mill River Road #204
Ardsley, New York 10502

Re: **Phase II Environmental Site Assessment**; 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany
County, New York 12206
PVE File #20230102

Dear Mr. Regan:

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) has completed the Phase II Environmental Site Assessment (ESA) in accordance with our approved scope of work, dated August 29, 2024, for the above referenced property (Figures 1 & 2). Below is a summary of field activities, analytical data, and recommendations.

1.0 INTRODUCTION

PVE completed a Phase I ESA, dated May 3, 2023, for the above referenced property. The following Recognized Environmental Conditions (RECs) were outlined in the Phase I ESA:

1. As indicated in Section 3.11 (Other Conditions of Concern), Section 6.4 (Fire Insurance Maps), & Section 6.5 (City Directories) of the report, the operating history of the subject property is considered a REC. The subject property located at 135 Ontario Street has historically operated as an automotive repair shop, transit garage and filling station with gasoline storage tanks. Chemicals used, and wastes generated, at facilities such as these, if handled improperly have the potential to contaminate soil and/or groundwater and ultimately create a vapor encroachment condition (VEC).
2. As indicated in section 5.0 (Site Reconnaissance) of the report, a tank fill port was observed along the exterior of the building located at 135 Ontario Street. No basement or tank was observed during the inspection. PVE cannot rule out the presence or any potential historic or ongoing releases from an underground tank on the property.
3. As indicated in Section 2.3 (Current Uses of Adjoining Properties), Section 3.11 (Other Conditions of Concern), Section 6.4 (Fire Insurance Maps), & Section 6.5 (City Directories) of the report, adjoining & nearby properties historic and current uses consist of auto body shops, drycleaners, lumber yards, manufacturers, a railroad company, carpenter shop, coal storage, factories, garages, & filling stations. Chemicals used, and wastes generated, at facilities such as these, if handled improperly have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property.

Based on the conditions outlined above, a Phase II ESA was completed to assess the soil, soil vapor, and groundwater quality at the subject property. Below is a summary of field activities, analytical data and recommendations.

2.0 FIELD ACTIVITIES

2.1 Geophysical Survey and Private Utility Mark Out

A geophysical services contractor was retained to screen the proposed soil boring locations for private utilities and/or anomalies that could obstruct drilling/sampling activities. Field activities were completed on October 8, 2024; sample locations were adjusted accordingly. No anomalies were encountered warranting bias sampling or locations adjustment.

2.2 Soil Borings and Sample Collection

On October 8, 2024, PVE completed a total of ten (10) soil borings throughout the subject property (Figure 3). Eight (8) soil borings were installed via direct push drilling method using a track-mounted Geoprobe™ 54DT drill rig equipped with 4-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners; and two (2) soil borings through the slab of on-site structure via hand tools. Soil borings were advanced to a maximum depth of 24.0-feet below ground surface (bgs). PVE personnel kept a detailed log of each core and test pit including lithology, grain size, stratigraphic changes, color, moisture content and the occurrence of groundwater. Soil samples were screened in the field for the presence of Volatile Organic Compounds (VOCs) using a calibrated photoionization detector (PID) and headspace techniques. PVE personnel collected one (1) soil sample from each of the soil borings for a total of ten (10) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Target Compound List (TCL) VOCs via United States Environmental Protection Agency (USEPA) Method 8260;
- Part 375 Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- Target Analyte List (TAL) Metals via USEPA Method 6010 & 7343; &
- Polychlorinated Biphenyls (PCBs) via USEPA Method 8082 (3 locations).

Soil borings are summarized below:

Boring SB-1 was advanced via hand tools to 4.0 feet bgs. Soil consisted of dark gray fine, medium and coarse sand, some silt, some clay and some brick and coal fragments. Groundwater was not encountered at the time of drilling (ATD). No elevated PID readings were observed. One (1) soil sample was collected from 3.0-4.0 feet bgs for laboratory analysis.

Boring SB-2 was advanced via hand tools to 4.0 feet bgs. Soil consisted of dark gray to black fine, medium and coarse sand, some silt, little gravel and some brick and coal fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 3.0-4.0 feet bgs for laboratory analysis.

Boring SB-3 was advanced via Geoprobe™ to 16.0 feet bgs. Soil consisted of brown silt, some clay, comingled with fill. Fill material consisted of some coal fragments, ash and coal ash. Groundwater was encountered at approximately 9.5 feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 3.0-4.0 feet bgs for laboratory analysis.

Boring SB-4 was advanced via Geoprobe™ to 16.0 feet bgs. Soil consisted of brown/dark brown to dark brown/black fine and medium sand, some silt, comingled with fill. Fill material consisted of some brick and coal fragments, crushed coal and ash. Groundwater was encountered at approximately 9.5 feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 10.0-12.0 feet bgs for laboratory analysis. SB-4 was converted into temporary monitoring well TMW-1.

Boring SB-5 was advanced via Geoprobe™ to 24.0 feet bgs. Soil consisted of brown silt, some clay, little fine sand, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was encountered at approximately 20.0 feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 7.0-8.0 feet bgs for laboratory analysis. SB-5 was converted into temporary monitoring well TMW-2.

Boring SB-6 was advanced via Geoprobe™ to 12.0 feet bgs. Soil consisted of brown silt, some clay, comingled with fill. Fill material consisted of some glass, coal and brick fragments, some ash. Groundwater was encountered at approximately 8.0 feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 1.5-3.0 feet bgs for laboratory analysis.

Boring SB-7 was advanced via Geoprobe™ to 16.0 feet bgs. Soil consisted of dark brown fine, medium and coarse sand, some silt, comingled with fill. Fill material consisted of some coal and glass fragments and ash. Groundwater was encountered at approximately 12.0 feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-8.0 feet bgs for laboratory analysis.

Boring SB-8 was advanced via Geoprobe™ to 12.0 feet bgs. Soil consisted of dark gray clay, some silt, with visual and olfactory evidence of petroleum contamination. Groundwater was encountered at approximately 8.0 feet ATD. An elevated PID reading of 71.1ppm was observed at interval 6.0-8.0 feet. One (1) soil sample was collected from 6.0-8.0 feet bgs for laboratory analysis. SB-8 was converted into temporary monitoring well TMW-3.

Boring SB-9 was advanced via Geoprobe™ to 12.0 feet bgs. Soil consisted of light gray/brown clay, some silt, with visual and olfactory evidence of petroleum contamination, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was encountered at approximately 7.5 feet ATD. An elevated PID reading of 60.8ppm was observed at interval 7.0-8.0 feet. One (1) soil sample was collected from 7.0-8.0 feet bgs for laboratory analysis. SB-9 was converted into temporary monitoring well TMW-4.

Boring SB-10 was advanced via Geoprobe™ to 12.0 feet bgs. Soil consisted of brown silt, some clay, comingled with fill. Fill material consisted of some coal fragments and ash. Groundwater was encountered at approximately 8.5 feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.5-6.0 feet bgs for laboratory analysis.

Soil borings were backfilled with native cuttings and clean sand (as necessary); ground surface was repaired with coal patch.

2.3 Temporary Monitoring Well Installation and Sampling

Temporary monitoring well locations, boring depth and date of drilling are summarized in the table below; locations are depicted in Figure 3.

ID/Location	Date of Drilling	Bottom of Boring (below grade)	Occurrence of Groundwater (below grade)
TMW-1 / Southeastern area of 154 West Street / SB-4	10/08/2024	16-feet	12.5-feet at time of drilling; static at 12.7-feet
TMW-2 / Southeastern area of 134 West Street / SB-5	10/08/2024	24-feet	20.0-feet at time of drilling; static at 12.5-feet
TMW-3 / Eastern exterior area of 130 Ontario Street / SB-8	10/08/2024	12-feet	8-feet at time of drilling; static at 6.5-feet

TMW-4 / Western exterior area of 130 Ontario Street / SB-9	10/09/2024	12-feet	7-feet at time of drilling; static at 6.0-feet
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Temporary monitoring wells were constructed of 1-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser.

On October 8 and October 9, 2024, a groundwater sample was collected from each of the four (4) temporary monitoring wells using a peristaltic pump and dedicated tubing. Groundwater samples were dispensed into laboratory provided containers and delivered to a NYSDOH ELAP certified laboratory for analysis of:

- TCL VOCs via USEPA Method 8260;
- Part 375 SVOCs via USEPA Method 8270;
- TAL Metals via USEPA Method 6010 & 7343 (Field Filtered Only); &
- PCBs via USEPA Method 8082 (1 location).

The temporary monitoring wells were removed following sampling, and all soil borings were backfilled to grade with native material and the surface restored to the approximate original condition.

2.4 Vapor Sampling

On October 8, 2024, a total of six (6) vapor samples were collected throughout the subject property. Four (4) exterior vapor probes were installed via a track-mounted Geoprobe™ unit to a depth of 4-feet below grade surface. Probes were constructed of a stainless-steel mesh vapor probe installed at the bottom of the borehole and connected to polyethylene tubing extending to the ground surface; annular space surrounding the mesh interval was backfilled with clean filter sand while the remaining annular space was backfilled with hydrated bentonite to ground surface to create a seal. Two (2) sub-slab soil vapor samples were collected through the concrete slab of the single-story garage. PVE installed the interior temporary vapor probes using a hammer drill and 5/8-inch drill bit and sealed the probe at the surface with non-VOC emitting clay. Two (2) ambient indoor air samples were collected proximate to a sub-slab soil vapor sample and placed on 'hold' pending the results of the sub-slab vapor samples and authorization by the client to analyze these samples. All soil vapor probes were purged of one to three volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify integrity and demonstrate that ambient air was not being drawn into the samples being collected.

Each sample was collected in a certified clean Summa canister with a regulator set to collect a sample over a 2-hour sampling period. Samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of VOCs via USEPA Method TO-15 following standard chain-of-custody procedures.

3.0 RESULTS

Soil, groundwater, and soil vapor sample results are summarized in Tables 1-4, 5-8, and 9, respectively. Analytical reports are attached.

3.1 Soil Samples

Analytical results from soil samples are summarized in Table 1-3 and compared to Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as defined in 6NYCRR Part 375. Analytical reports are attached. See Figure 3 for soil boring sampling locations.

3.1.1 VOCs

Several VOCs were detected in seven (7) of the ten (10) soil samples collected and analyzed for VOCs. Two (2) VOCs were detected at concentrations exceeding UUSCOs; no VOCs were detected at concentrations exceeding RRSCOs. Exceedances are defined below:

- SB-4 (10-12-feet)
 - Benzene (0.14 mg/kg)
- SB-8 (6-8-feet)
 - Acetone (0.062 mg/kg)

3.1.2 SVOCs

Several SVOCs were detected in all (10) soil samples collected and analyzed for SVOCs. SVOCs were detected in two (2) of the ten (10) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-4 (10-12-feet)
 - **Benzo(A)Anthracene (57.9 mg/kg)**
 - **Benzo(A)Pyrene (41.2 mg/kg)**
 - **Benzo(B)Fluoranthene (36.2 mg/kg)**
 - **Benzo(K)Fluoranthene (34.3 mg/kg)**
 - **Chrysene (63.6 mg/kg)**
 - **Dibenz(A,H)Anthracene (5.64 mg/kg)**
 - Dibenzofuran (24.1 mg/kg)
 - **Fluoranthene (172 mg/kg)**
 - **Indeno(1,2,3-C,D)Pyrene (21.2 mg/kg)**
 - Naphthalene (86.7 mg/kg)
 - **Phenanthrene (217 mg/kg)**
 - Phenol (2.05 mg/kg)
 - **Pyrene (173 mg/kg)**
- SB-10 (4.5-6-feet)
 - **Benzo(A)Anthracene (8.21 mg/kg)**
 - **Benzo(A)Pyrene (6.84 mg/kg)**
 - **Benzo(B)Fluoranthene (5.46 mg/kg)**
 - **Benzo(K)Fluoranthene (5.80 mg/kg)**
 - **Chrysene (7.70 mg/kg)**
 - **Dibenz(A,H)Anthracene (0.651 mg/kg)**
 - **Indeno(1,2,3-C,D)Pyrene (3.34 mg/kg)**

Bold font indicates RRSCO exceedance.

3.1.3 Metals

Metals were detected in all ten (10) of the soil samples collected and analyzed for metals. Metals were detected in nine (9) of the ten (10) soil samples at concentrations exceeding UUSCOs and/or RRSCOs. Exceedances are defined below:

- SB-1 (3-4-feet)
 - Copper (63.0 mg/kg)
 - **Lead (679 mg/kg)**
 - Zinc (483 mg/kg)
 - Mercury (0.238 mg/kg)
- SB-2 (3-4-feet)
 - Copper (115 mg/kg)
 - Lead (233 mg/kg)
 - Zinc (227 mg/kg)
 - Mercury (0.530 mg/kg)
- SB-3 (3-4-feet)
 - **Arsenic (48.2 mg/kg)**
 - Copper (83.8 mg/kg)
 - **Lead (638 mg/kg)**
 - Nickel (56.9 mg/kg)
 - Selenium (14.7 mg/kg)
 - Zinc (1,090 mg/kg)
 - **Mercury (16.6 mg/kg)**
- SB-4 (10-12-feet)
 - Barium (366 mg/kg)
 - Copper (151 mg/kg)
 - **Lead (1,410 mg/kg)**
 - Selenium (4.56 mg/kg)
 - Zinc (363 mg/kg)
 - **Mercury (6.92 mg/kg)**
- SB-5 (7-8-feet)
 - Arsenic (14.7 mg/kg)
 - Copper (56.0 mg/kg)
 - **Lead (2,230 mg/kg)**
 - Nickel (31.6 mg/kg)
 - Zinc (379 mg/kg)
 - **Mercury (3.36 mg/kg)**
- SB-6 (1.5-3-feet)
 - Lead (271 mg/kg)
 - Zinc (127 mg/kg)
 - **Mercury (2.42 mg/kg)**

- SB-7 (4-8-feet)
 - Copper (195 mg/kg)
 - **Lead (1,780 mg/kg)**
 - Zinc (364 mg/kg)
 - **Mercury (1.34 mg/kg)**
- SB-8 (6-8-feet)
 - **Mercury (0.900 mg/kg)**
- SB-9 (7-8-feet)
 - Lead (101 mg/kg)
 - Zinc (181 mg/kg)
 - **Mercury (1.15 mg/kg)**
- SB-10 (4.5-6-feet)
 - Lead (174 mg/kg)
 - **Mercury (1.36 mg/kg)**

Bold font indicates RRSCO exceedance.

3.1.4 PCBs

PCBs were not detected in any of the three (3) soil samples collected for analysis of PCBs.

3.2 Groundwater Samples

Groundwater sample results are summarized in Table 5-8 and compared to Class GA Groundwater Quality Standards (GQS) as defined in 6NYCRR Part 700-705. Analytical reports are attached. See Figure 3 for groundwater sampling locations.

3.2.1 VOCs

VOCs were detected in all four (4) of the groundwater samples collected and analyzed for VOCs. VOCs were detected in all four (4) samples at concentrations exceeding Class GA GQS. Exceedances are defined below:

- TMW-1
 - 1,2,4-Trimethylbenzene (7.0 µg/L)
 - Benzene (39.0 µg/L)
 - O-Xylene (1,2-Dimethylbenzene) (11 µg/L)
 - Toluene (26 µg/L)

- TMW-2
 - 1,2-Dichloroethane (0.89 µg/L)
- TMW-3
 - Benzene (3.6 µg/L)
 - Isopropylbenzene (Cumene) (67 µg/L)
 - N-Butylbenzene (29 µg/L)
 - N-Propylbenzene (83 µg/L)
 - Sec-Butylbenzene (60 µg/L)
- TMW-4
 - N-Butylbenzene (6.5 µg/L)
 - Sec-Butylbenzene (9.2 µg/L)

3.2.2 SVOCs

SVOCs were detected in three (3) of the (4) groundwater samples collected and analyzed for SVOCs. SVOCs were detected in the three (3) samples at concentrations exceeding Class GA GQS. Exceedances are defined below:

- TMW-1
 - Benzo(A)Anthracene (0.770 µg/L)
 - Benzo(A)Pyrene (0.820 µg/L)
 - Benzo(B)Fluoranthene (0.860 µg/L)
 - Benzo(K)Fluoranthene (0.860 µg/L)
 - Chrysene (0.940 µg/L)
 - Indeno(1,2,3-C,D)Pyrene (0.440 µg/L)
 - Naphthalene (112 µg/L)
 - Phenol (32.3 µg/L)
- TMW-3
 - Chrysene (0.330 µg/L)
 - Phenanthrene (52.1 µg/L)
- TMW-4
 - Acenaphthene (37.4 µg/L)
 - Phenanthrene (57.6 µg/L)

3.2.3 Metals

Metals were detected in all four (4) of the groundwater samples collected and analyzed for metals. Metals were detected in all four (4) samples at concentrations exceeding Class GA GQS. Exceedances are defined below:

- TMW-1
 - Iron (16.7 mg/L)
 - Manganese (1.39 mg/L)
 - Sodium (80.3 mg/L)
- TMW-2
 - Iron (0.342 mg/L)
 - Manganese (3.68 mg/L)
- TMW-3
 - Iron (13.5 mg/L)
 - Manganese (3.03 mg/L)
 - Sodium (382 mg/L)
- TMW-4
 - Iron (7.33 mg/L)
 - Manganese (2.28 mg/L)
 - Sodium (329 mg/L)

3.2.4 PCBs

PCBs were not detected in the one (1) groundwater sample (TMW-1) collected for analysis of PCBs.

3.3 Vapor Samples

Please note, on October 23, 2024, York Analytical Laboratories (York) informed PVE that there was an issue with one (one) of the instruments in their air lab during an analytical run, and two (2) samples [PVE IDs SV-1 20241008 & SSV-2 20241008] were impacted. As soon as the problem was identified, the analysis ceased, and the instrument was removed from service to uncover the underlying cause.

Upon further investigation, it was discovered that York experienced a rare instrument malfunction involving a multiport valve. This malfunction caused the calibration standard material to leak into the sample lines and contaminate the samples that were currently on the instrument for analysis. The malfunctioning part was replaced. York subsequently verified that the results for these samples are indicative of contamination for all target analytes. While the contamination levels are low overall, they are at or slightly above the RLs. Because of this, it was York's recommendation that the analysis be cancelled on the impacted samples. The two (2) impacted samples were discarded at the lab.

Analytical results from successfully analyzed soil vapor samples are summarized in Table 9 and compared to NYSDOH Decision Matrices as defined in *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (February 2024)*. Analytical reports are attached. See Figure 3 for soil vapor sampling locations.

According to the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)* and subsequent amendments, twenty-one (21) compounds are regulated by NYSDOH: 1,1-Dichloroethene (1,1-DCE); Cis-1,2-Dichloroethene (Cis-1,2-DCE); Vinyl Chloride (VC); 1,1,1 – Trichloroethane (1,1,1-TCA); Carbon Tetrachloride; Methylene Chloride; Tetrachloroethylene (PCE); Trichloroethylene (TCE); Benzene; Ethylbenzene; Naphthalene; Cyclohexane; Isooctane (2,2,4-Trimethylpentane); 1,2,4-Trimethylbenzene; 1,3,5-Trimethylbenzene; o-Xylene; m-Xylene; p-Xylene;

Heptane; Hexane; and Toluene. The following NYSDOH-regulated compounds were detected in the vapor samples collected:

- SSV-1
 - 1,1,1-Trichloroethane (TCA) ($1.4 \mu\text{g}/\text{m}^3$)
 - 1,1-Dichloroethene ($0.60 \mu\text{g}/\text{m}^3$)
 - 1,2,4-Trimethylbenzene ($17 \mu\text{g}/\text{m}^3$)
 - 1,3,5-Trimethylbenzene (Mesitylene) ($4.1 \mu\text{g}/\text{m}^3$)
 - 2,2,4-Trimethylpentane ($9.8 \mu\text{g}/\text{m}^3$)
 - Benzene ($9.7 \mu\text{g}/\text{m}^3$)
 - Carbon Tetrachloride ($1.1 \mu\text{g}/\text{m}^3$)
 - Cis-1,2-Dichloroethylene ($1.1 \mu\text{g}/\text{m}^3$)
 - Cyclohexane ($4.4 \mu\text{g}/\text{m}^3$)
 - Ethylbenzene ($32 \mu\text{g}/\text{m}^3$)
 - m,p-Xylene ($39 \mu\text{g}/\text{m}^3$)
 - Methylene Chloride ($\text{ND} < 0.96 \mu\text{g}/\text{m}^3$)
 - Naphthalene ($4.1 \mu\text{g}/\text{m}^3$)
 - N-Heptane ($5.7 \mu\text{g}/\text{m}^3$)
 - N-Hexane ($14 \mu\text{g}/\text{m}^3$)
 - O-Xylene (1,2-Dimethylbenzene) ($14 \mu\text{g}/\text{m}^3$)
 - Tetrachloroethylene (PCE) ($1.0 \mu\text{g}/\text{m}^3$)
 - Toluene ($32 \mu\text{g}/\text{m}^3$)
 - Trichloroethylene (TCE) ($9.6 \mu\text{g}/\text{m}^3$)
 - Vinyl Chloride ($0.32 \mu\text{g}/\text{m}^3$)
- SV-2
 - 1,1,1-Trichloroethane (TCA) ($12 \mu\text{g}/\text{m}^3$)
 - 1,1-Dichloroethene ($5.5 \mu\text{g}/\text{m}^3$)
 - 1,2,4-Trimethylbenzene ($36 \mu\text{g}/\text{m}^3$)
 - 1,3,5-Trimethylbenzene (Mesitylene) ($20 \mu\text{g}/\text{m}^3$)
 - 2,2,4-Trimethylpentane ($15 \mu\text{g}/\text{m}^3$)
 - Benzene ($19 \mu\text{g}/\text{m}^3$)
 - Carbon Tetrachloride ($13 \mu\text{g}/\text{m}^3$)
 - Cis-1,2-Dichloroethylene ($7.1 \mu\text{g}/\text{m}^3$)
 - Cyclohexane ($63 \mu\text{g}/\text{m}^3$)
 - Ethylbenzene ($210 \mu\text{g}/\text{m}^3$)
 - m,p-Xylene ($560 \mu\text{g}/\text{m}^3$)
 - Methylene Chloride ($12 \mu\text{g}/\text{m}^3$)
 - Naphthalene ($\text{ND} < 14 \mu\text{g}/\text{m}^3$)
 - N-Heptane ($26 \mu\text{g}/\text{m}^3$)
 - N-Hexane ($24 \mu\text{g}/\text{m}^3$)
 - O-Xylene (1,2-Dimethylbenzene) ($170 \mu\text{g}/\text{m}^3$)
 - Tetrachloroethylene (PCE) ($25 \mu\text{g}/\text{m}^3$)
 - Toluene ($70 \mu\text{g}/\text{m}^3$)
 - Trichloroethylene (TCE) ($16 \mu\text{g}/\text{m}^3$)
 - Vinyl Chloride ($3.9 \mu\text{g}/\text{m}^3$)

- SV-3
 - 1,1,1-Trichloroethane (TCA) (2.4 µg/m³)
 - 1,1-Dichloroethene (0.47 µg/m³)
 - 1,2,4-Trimethylbenzene (23 µg/m³)
 - 1,3,5-Trimethylbenzene (Mesitylene) (5.9 µg/m³)
 - 2,2,4-Trimethylpentane (2.8 µg/m³)
 - Benzene (3.2 µg/m³)
 - Carbon Tetrachloride (1.3 µg/m³)
 - Cis-1,2-Dichloroethylene (0.83 µg/m³)
 - Cyclohexane (1.6 µg/m³)
 - Ethylbenzene (61 µg/m³)
 - m,p-Xylene (96 µg/m³)
 - Methylene Chloride (2.4 µg/m³)
 - Naphthalene (4.2 µg/m³)
 - N-Heptane (4.4 µg/m³)
 - N-Hexane (4.3 µg/m³)
 - O-Xylene (1,2-Dimethylbenzene) (29 µg/m³)
 - Tetrachloroethylene (PCE) (6.1 µg/m³)
 - Toluene (38 µg/m³)
 - Trichloroethylene (TCE) (1.1 µg/m³)
 - Vinyl Chloride (0.53 µg/m³)
- SV-4
 - 1,1-Dichloroethene (3.5 µg/m³)
 - 1,2,4-Trimethylbenzene (34 µg/m³)
 - 1,3,5-Trimethylbenzene (Mesitylene) (13 µg/m³)
 - 2,2,4-Trimethylpentane (3400 µg/m³)
 - Benzene (27 µg/m³)
 - Carbon Tetrachloride (5.5 µg/m³)
 - Cis-1,2-Dichloroethylene (44 µg/m³)
 - Cyclohexane (700 µg/m³)
 - Ethylbenzene (110 µg/m³)
 - m,p-Xylene (290 µg/m³)
 - N-Heptane (97 µg/m³)
 - N-Hexane (320 µg/m³)
 - O-Xylene (1,2-Dimethylbenzene) (110 µg/m³)
 - Toluene (81 µg/m³)
 - Vinyl Chloride (180 µg/m³)

Based on the concentrations of the NYSDOH regulated compound detected in the soil vapor, the following actions may be required:

- SV-2
 - **Mitigate**
- SV-3
 - **Monitor**

- SV-4
 - **Mitigate**
- SSV-1
 - **Monitor**

None of the remaining ambient indoor air samples held at the laboratory were analyzed based on the VOC concentrations detected in the co-located sub-slab samples.

4.0 DISCUSSION and CONCLUSIONS

4.1 Soil

1. Ten (10) soil borings were installed throughout the subject property. One (1) soil sample was collected from each of the ten (10) soil borings for laboratory analysis.
2. Two (2) soil samples detected VOCs at concentrations exceeding UUSCOs; no VOCs were detected at concentrations exceeding RRSCOs.
3. Two (2) soils samples detected SVOCs at concentrations exceeding both UUSCOs and RRSCOs.
4. Nine (9) of the ten (10) soil samples detected metals at concentrations exceeding UUSCOs and RRSCOs.
5. PCBs were not detected in any of the three (3) soil samples collected for analysis of PCBs.

4.2 Groundwater

1. Four (4) temporary monitoring wells were installed throughout the subject property. One (1) groundwater sample was collected from each of the four (4) temporary monitoring wells for laboratory analysis.
2. VOCs were detected in all four (4) samples at concentrations exceeding Class GA GQS.
3. SVOCs were detected in three (3) of the four (4) samples at concentrations exceeding Class GA GQS.
4. Metals were detected in all four (4) samples at concentrations exceeding Class GA GQS.
5. PCBs were not detected in the one (1) groundwater sample (TMW-1) collected for analysis of PCBs.

4.3 Vapor

1. A total of four (4) soil vapor samples, two (2) sub-slab soil vapor samples and two (2) ambient indoor air samples were collected from the subject property. On October 23, 2024, York informed PVE that there was an issue with one of the instruments in their air lab during an analytical run, and two samples [PVE IDs SV-1 20241008 & SSV-2 20241008] were impacted. Impacted samples were discarded at the lab.
2. Chlorinated VOCs were detected in three (3) of the four (4) soil vapor samples requiring further action; mitigation is required in one (1) of the locations regardless of ambient indoor air concentrations.

5.0 RECOMMENDATIONS

1. VOCs, SVOCs and metals were detected in soil and groundwater samples at concentrations exceeding applicable State Standards (residential use) and the intended use of the subject property indicative of impacts from past site operations (uses including an automotive repair shop, transit garage, lumber yard, and filling station). SVOCs and metals concentrations are consistent with historical fill; some concentrations of mercury detected in soil may be related to historic lumber treatment/storage practices on-site. It should be noted, mercury was not detected in any of the groundwater samples collected. Further, petroleum impacts were observed in soils, predominantly in the eastern portion of the 130 Ontario Street area of the subject property.

- a. If soil is excavated from the site, collection and analysis of additional soil samples would be necessary to characterize soil for purposes of waste characterization, proper handling and selecting an appropriate disposal facility.
2. Redevelopment of the Site will require special handling, testing and potentially off-site disposal of contaminated soils.
3. This investigation is limited in scope, impacts to subsurface media from past site operations in other locations of the property cannot be ruled out.
4. Based on the concentrations of NYSDOH regulated compounds detected in soil vapor, a VEC may exist at the site. Consideration should be given to the design and installation of a sub-slab depressurization system (SSDS) to be incorporated into renovated and/or future on-site structures to prevent exposure to building occupants.
5. Unconsolidated materials (below surface cover) throughout the subject properties contained urban fill (glass, brick, coal fragments, wood, and coal ash). If requested, PVE can prepare a Soil and Materials Management Plan (SMMP) adhering to 6 NYCRR Part 360 which will outline processes for the excavation and handling of this urban fill during any future site earthwork activities.
6. Alternatively, the client may consider applying the property for admittance into the New York State Department of Conservation (NYSDEC) Brownfield Cleanup Program (BCP) for further investigation and remediation as a volunteer.

If you have any questions, please do not hesitate to contact us.

Sincerely,

PVE Engineering

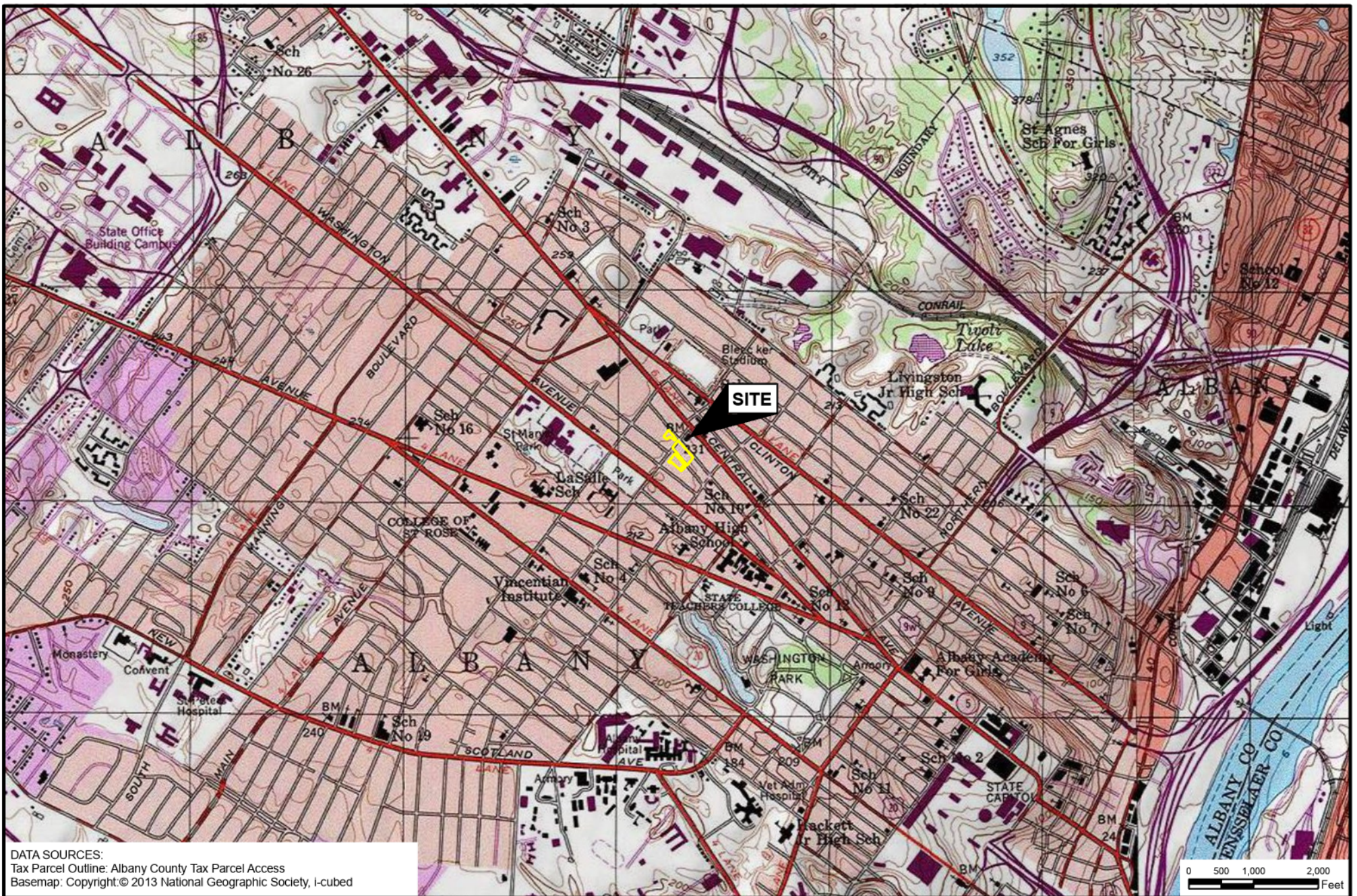


Conor B. Tarbell, QEP
Regional Director of Environmental Services

Attachments:

Figure 1 – Site Location Map
Figure 2 – Selected Site Features
Figure 3 – Sample Location Map
Soil, Groundwater, and Soil Vapor Tables (1 – 9)
Soil Boring Logs
Vapor Logs
Analytical Lab Report

FIGURES



SITE LOCATION MAP
 130 & 135 ONTARIO STREET
 134 & 154 WEST STREET
 CITY OF ALBANY
 ALBANY COUNTY, NEW YORK

PROJECT NO.
20230102



FIGURE 1

DATE: 03/08/2023

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



48 Springside Avenue
 Poughkeepsie, NY 12603
 Office: 845.454.2544
 Fax: 845.454.2655

LEGEND

TAX PARCEL OUTLINE



DATA SOURCES:
Tax Parcel Outline: https://gisservices.its.ny.gov/arcgis/rest/services/NYS_Tax_Parcels_Public/FeatureServer
Basemap: NYS ITS Geospatial Services, Westchester County GIS , Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



PVE 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	SELECTED SITE FEATURES 130 ONTARIO STREET, 134 & 154 WEST STREET CITY OF ALBANY, ALBANY COUNTY, NEW YORK	PROJECT NO.	FIGURE 2
		20240102	DATE: 10/03/2024
		N	SCALE: AS INDICATED
			PROJECTION: STATE PLANE NAD83 NY EAST
			ALL LOCATIONS APPROXIMATE

LEGEND

TAX PARCEL OUTLINE

INDOOR AIR

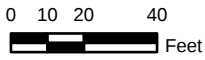
SOIL BORING

SOIL BORING / TEMPORARY MONITORING WELL

SOIL VAPOR



DATA SOURCES:
Tax Parcel Outline: https://gisservices.its.ny.gov/arcgis/rest/services/NYS_Tax_Parcels_Public/FeatureServer
Basemap: NYS ITS Geospatial Services, Westchester County GIS , Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



PVE 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	PROPOSED SAMPLE LOCATION MAP 130 ONTARIO STREET, 134 & 154 WEST STREET CITY OF ALBANY, ALBANY COUNTY, NEW YORK	PROJECT NO. 20240102 N	FIGURE 3
			DATE: 10/18/2024
			SCALE: AS INDICATED
			PROJECTION: STATE PLANE NAD83 NY EAST ALL LOCATIONS APPROXIMATE

TABLES

Table 1 - VOCs in Soil Samples
Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
PVE File #20230102

[illegible]

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDep Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RSCSOs);
Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RSCSOs;
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 2 - SVOCs in Soil Samples
 Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
 PVE File #20230102

				Date Sampled Location Sample ID		10/8/2024 SB-1 3'-4' 20241008			10/8/2024 SB-2 3'-4' 20241008			10/8/2024 SB-3 3'-4' 20241008			10/8/2024 SB-4 10'-12' 20241008			10/8/2024 SB-5 7'-8' 20241008			10/8/2024 SB-6 1.5'-3' 20241008			10/8/2024 SB-7 4'-8' 20241008			10/8/2024 SB-8 6'-8' 20241008			10/8/2024 SB-9 7'-8' 20241008			10/9/2024 SB-10 4.5'-6' 20241009		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	Unit	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O	Result	Unit	O
SW8270	2-Methylphenol (O-Cresol)	00095-48-7	NE	NE		ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	1.00	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	ND < 0.0488	mg/kg	U
SW8270	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NE	NE		ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	2.63	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	0.0747	mg/kg	J
SW8270	Acenaphthene	83-32-9	20	100	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	4.81	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	0.186	mg/kg	J	0.0879	mg/kg	J	0.0506	mg/kg	J
SW8270	Acenaphthylene	208-96-8	100	100	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	32.2	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	0.131	mg/kg	J	0.0718	mg/kg	J	0.641	mg/kg	J
SW8270	Anthracene	120-12-7	100	100	mg/kg	0.0616	mg/kg	J	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	27.2	mg/kg	J	ND < 0.0582	mg/kg	U	0.0622	mg/kg	J	ND < 0.0526	mg/kg	U	0.138	mg/kg	J	0.114	mg/kg	J	1.13	mg/kg	J
SW8270	Benzo(A)Anthracene	56-55-3	1	1	mg/kg	0.155	mg/kg	J	0.150	mg/kg	J	0.113	mg/kg	J	57.9	mg/kg	J	0.109	mg/kg	J	0.313	mg/kg	J	0.0738	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	8.21	mg/kg	J
SW8270	Benzo(A)Pyrene	50-32-8	1	1	mg/kg	0.150	mg/kg	J	0.132	mg/kg	J	0.0817	mg/kg	J	41.2	mg/kg	J	0.0901	mg/kg	J	0.318	mg/kg	J	0.0722	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	6.84	mg/kg	J
SW8270	Benzo(B)Fluoranthene	205-99-2	1	1	mg/kg	0.125	mg/kg	J	0.116	mg/kg	J	0.0889	mg/kg	J	36.2	mg/kg	J	0.0901	mg/kg	J	0.265	mg/kg	J	0.0705	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	5.46	mg/kg	J
SW8270	Benzo(G,H,I)Perylene	191-24-2	100	100	mg/kg	0.0981	mg/kg	J	0.0865	mg/kg	J	0.0521	mg/kg	J	22.3	mg/kg	J	ND < 0.0582	mg/kg	U	0.184	mg/kg	J	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	2.90	mg/kg	J
SW8270	Benzo(K)Fluoranthene	207-08-9	0.8	3.9	mg/kg	0.131	mg/kg	J	0.106	mg/kg	J	0.0841	mg/kg	J	34.3	mg/kg	J	0.0585	mg/kg	J	0.259	mg/kg	J	0.0604	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	5.80	mg/kg	J
SW8270	Chrysene	218-01-9	1	3.9	mg/kg	0.152	mg/kg	J	0.140	mg/kg	J	0.141	mg/kg	J	63.6	mg/kg	J	0.0957	mg/kg	J	0.330	mg/kg	J	0.0864	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	7.70	mg/kg	J
SW8270	Dibenz(A,H)Anthracene	53-70-3	0.33	0.33	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	5.64	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	0.651	mg/kg	J
SW8270	Dibenzofuran	132-64-9	7	59	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	24.1	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	0.268	mg/kg	J	ND < 0.0562	mg/kg	U	0.0848	mg/kg	J
SW8270	Fluoranthene	206-44-0	100	100	mg/kg	0.302	mg/kg	J	0.307	mg/kg	J	0.304	mg/kg	J	172	mg/kg	J	0.181	mg/kg	J	0.640	mg/kg	J	0.213	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	13.8	mg/kg	J
SW8270	Fluorene	86-73-7	30	100	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	23.7	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	0.556	mg/kg	J	0.207	mg/kg	J	0.0989	mg/kg	J
SW8270	Hexachlorobenzene	118-74-1	0.33	1.2	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	ND < 0.732	mg/kg	U	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	ND < 0.0488	mg/kg	U
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.5	0.5	mg/kg	0.0933	mg/kg	J	0.0833	mg/kg	J	0.0513	mg/kg	J	21.2	mg/kg	J	ND < 0.0582	mg/kg	U	0.190	mg/kg	J	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	3.34	mg/kg	J
SW8270	Naphthalene	91-20-3	12	100	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	86.7	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	0.0690	mg/kg	J	ND < 0.0562	mg/kg	U	0.110	mg/kg	J
SW8270	Pentachlorophenol	87-86-5	0.8	6.7	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	ND < 0.732	mg/kg	U	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	ND < 0.0488	mg/kg	U
SW8270	Phenanthrene	85-01-8	100	100	mg/kg	0.241	mg/kg	J	0.214	mg/kg	J	0.186	mg/kg	J	217	mg/kg	J	0.157	mg/kg	J	0.371	mg/kg	J	0.170	mg/kg	J	1.21	mg/kg	J	0.377	mg/kg	J	4.90	mg/kg	J
SW8270	Phenol	108-95-2	0.33	100	mg/kg	ND < 0.0508	mg/kg	U	ND < 0.0493	mg/kg	U	ND < 0.0502	mg/kg	U	2.05	mg/kg	J	ND < 0.0582	mg/kg	U	ND < 0.050	mg/kg	U	ND < 0.0526	mg/kg	U	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	ND < 0.0488	mg/kg	U
SW8270	Pyrene	129-00-0	100	100	mg/kg	0.306	mg/kg	J	0.302	mg/kg	J	0.265	mg/kg	J	173	mg/kg	J	0.154	mg/kg	J	0.705	mg/kg	J	0.190	mg/kg	J	ND < 0.0527	mg/kg	U	ND < 0.0562	mg/kg	U	13.3	mg/kg	J

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs);
 Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
 Orange shading designates those compounds detected at concentration exceeding RRSCOs;
 J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit;
 NE = No standard established; &
 ND and U = Not detected at method detection limit for sample.

Table 3 - Metals in Soil Samples

Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375

130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY

PVE File #20230102

Date Sampled					10/8/2024		10/8/2024		10/8/2024		10/8/2024		10/8/2024		10/8/2024		10/8/2024		10/8/2024		10/8/2024		10/9/2024												
Location					SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9		SB-10												
Sample ID					SB-1 3'-4' 20241008		SB-2 3'-4' 20241008		SB-3 3'-4' 20241008		SB-4 10'-12' 20241008		SB-5 7'-8' 20241008		SB-6 1.5'-3' 20241008		SB-7 4'-8' 20241008		SB-8 6'-8' 20241008		SB-9 7'-8' 20241008		SB-10 4.5'-6' 20241008												
Method	Analyte	CAS RN	UUSCOs	RRSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q									
SW6010	Aluminum	7429-90-5	NE	NE		9070	mg/kg		13200	mg/kg		10900	mg/kg		7680	mg/kg		7570	mg/kg		12300	mg/kg		5600	mg/kg		17300	mg/kg		15400	mg/kg				
SW6010	Antimony	7440-36-0	NE	NE		ND < 2.55	mg/kg		U ND < 2.52	mg/kg	U	3.20	mg/kg		ND < 2.93	mg/kg	U	ND < 2.92	mg/kg	U	ND < 2.53	mg/kg	U	ND < 2.69	mg/kg	U	ND < 2.65	mg/kg	U	ND < 2.81	mg/kg	U	ND < 2.48	mg/kg	U
SW6010	Arsenic	7440-38-2	13	16	mg/kg	8.58	mg/kg		12.7	mg/kg		48.2	mg/kg		12.3	mg/kg		14.7	mg/kg		7.87	mg/kg		7.85	mg/kg		5.08	mg/kg		9.51	mg/kg		10.1	mg/kg	
SW6010	Barium	7440-39-3	350	400	mg/kg	299	mg/kg		111	mg/kg		179	mg/kg		366	mg/kg		208	mg/kg		81.8	mg/kg		339	mg/kg		73.6	mg/kg		127	mg/kg		149	mg/kg	
SW6010	Beryllium	7440-41-7	7.2	72	mg/kg	0.692	mg/kg		0.623	mg/kg		0.639	mg/kg		0.512	mg/kg		0.750	mg/kg		0.310	mg/kg		0.386	mg/kg		0.467	mg/kg		0.392	mg/kg		0.352	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	4.3	mg/kg	0.433	mg/kg		0.341	mg/kg		2.37	mg/kg		ND < 0.351	mg/kg	U	0.426	mg/kg		0.426	mg/kg		0.527	mg/kg		ND < 0.318	mg/kg	U	0.462	mg/kg		ND < 0.298	mg/kg	U
SW6010	Calcium	7440-70-2	NE	NE		21400	mg/kg		6590	mg/kg		12800	mg/kg		12400	mg/kg		8550	mg/kg		22700	mg/kg		80500	mg/kg		3910	mg/kg		7100	mg/kg		17900	mg/kg	
SW6010	Chromium, Total	7440-47-3	31	290	mg/kg	14.8	mg/kg		18.9	mg/kg		23.9	mg/kg		25.2	mg/kg		13.1	mg/kg		15.4	mg/kg		23.9	mg/kg		15.7	mg/kg		20.2	mg/kg		30.1	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE		7.26	mg/kg		9.29	mg/kg		14.8	mg/kg		7.38	mg/kg		23.4	mg/kg		7.89	mg/kg		2.75	mg/kg		5.92	mg/kg		11.3	mg/kg		7.79	mg/kg	
SW6010	Copper	7440-50-8	50	270	mg/kg	63.0	mg/kg		115	mg/kg		83.8	mg/kg		151	mg/kg		56.0	mg/kg		37.8	mg/kg		195	mg/kg		19.1	mg/kg		47.1	mg/kg		46.6	mg/kg	
SW6010	Iron	7439-89-6	NE	NE		16000	mg/kg		24800	mg/kg		41200	mg/kg		16700	mg/kg		18100	mg/kg		19700	mg/kg		25600	mg/kg		13900	mg/kg		23100	mg/kg		19900	mg/kg	
SW6010	Lead	7439-92-1	63	400	mg/kg	679	mg/kg	B	233	mg/kg	B	638	mg/kg	B	1410	mg/kg	B	2230	mg/kg	B	271	mg/kg	B	1780	mg/kg	B	39.9	mg/kg	B	101	mg/kg	B	174	mg/kg	B
SW6010	Magnesium	7439-95-4	NE	NE		3870	mg/kg		4730	mg/kg		7430	mg/kg		2030	mg/kg		518	mg/kg		6790	mg/kg		1260	mg/kg		2360	mg/kg		4720	mg/kg		5080	mg/kg	
SW6010	Manganese	7439-96-5	1600	2000	mg/kg	378	mg/kg		646	mg/kg		883	mg/kg		300	mg/kg		194	mg/kg		285	mg/kg		380	mg/kg		240	mg/kg		284	mg/kg		382	mg/kg	
SW6010	Nickel	7440-02-0	30	310	mg/kg	19.1	mg/kg		23.8	mg/kg		56.9	mg/kg		16.7	mg/kg		31.6	mg/kg		20.2	mg/kg		11.2	mg/kg		14.1	mg/kg		24.8	mg/kg		19.2	mg/kg	
SW6010	Potassium	7440-09-7	NE	NE		1520	mg/kg		2040	mg/kg		1490	mg/kg		1200	mg/kg		923	mg/kg		2380	mg/kg		628	mg/kg		1680	mg/kg		3720	mg/kg		2440	mg/kg	
SW6010	Selenium	7782-49-2	3.9	180	mg/kg	ND < 2.55	mg/kg	U	3.57	mg/kg		14.7	mg/kg		4.56	mg/kg		ND < 2.92	mg/kg	U	2.58	mg/kg		3.62	mg/kg		ND < 2.65	mg/kg	U	3.88	mg/kg		ND < 2.48	mg/kg	U
SW6010	Silver	7440-22-4	2	180	mg/kg	ND < 0.514	mg/kg	U	ND < 0.508	mg/kg	U	ND < 0.512	mg/kg	U	ND < 0.59	mg/kg	U	ND < 0.589	mg/kg	U	ND < 0.509	mg/kg	U	ND < 0.543	mg/kg	U	ND < 0.533	mg/kg	U	ND < 0.567	mg/kg	U	ND < 0.50	mg/kg	U
SW6010	Sodium	7440-23-5	NE	NE		187	mg/kg		170	mg/kg		744	mg/kg		679	mg/kg		387	mg/kg		220	mg/kg		932	mg/kg		753	mg/kg		492	mg/kg		391	mg/kg	
SW6010	Thallium	7440-28-0	NE	NE		ND < 2.55	mg/kg	U	ND < 2.52	mg/kg	U	ND < 2.54	mg/kg	U	ND < 2.93	mg/kg	U	ND < 2.92	mg/kg	U	ND < 2.53	mg/kg	U	ND < 2.69	mg/kg	U	ND < 2.65	mg/kg	U	ND < 2.81	mg/kg	U	ND < 2.48	mg/kg	U
SW6010	Vanadium	7440-62-2	NE	NE		21.5	mg/kg		28.6	mg/kg		35.9	mg/kg		23.1	mg/kg		32.0	mg/kg		24.2	mg/kg		16.4	mg/kg		23.3	mg/kg		34.3	mg/kg		28.2	mg/kg	
SW6010	Zinc	7440-66-6	109	10000	mg/kg	483	mg/kg		227	mg/kg		1090	mg/kg		363	mg/kg		379	mg/kg		127	mg/kg		364	mg/kg		59.3	mg/kg		181	mg/kg		105	mg/kg	
SW7473	Mercury	7439-97-6	0.18	0.81	mg/kg	0.238	mg/kg		0.530	mg/kg		16.6	mg/kg		6.92	mg/kg		3.36	mg/kg		2.42	mg/kg		1.34	mg/kg		0.900	mg/kg		1.15	mg/kg		1.36	mg/kg	

Notes:

Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs)

and Restricted Residential Soil Cleanup Objectives (RRSCOs);

Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;

Orange shading designates those compounds detected at concentration exceeding RRSCOs;

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants;

NE = No standard established; &

ND and U = Not detected at method detection limit for sample.

Table 4 - PCBs in Soil Samples
 Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
 PVE File #20230102

Date Sampled Location Sample ID						10/8/2024 SB-4 SB-4 10'-12' 20241008			10/8/2024 SB-8 SB-8 6'-8' 20241008			10/8/2024 SB-9 SB-9 7'-8' 20241008		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0233	mg/kg	U	ND< 0.0207	mg/kg	U	ND< 0.0224	mg/kg	U

Notes:

Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs);

Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;

Orange shading designates those compounds detected at concentration exceeding RRSCOs;

NE = No standard established; &

ND and U = Not detected at method detection limit for sample.

Table 5 - VOCs in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
 PVE File #20230102

Method	Analyte	CAS RN	CLASS GA	Unit	Date Sampled		10/8/2024		10/9/2024		10/9/2024		10/9/2024			
					Location		TMW-1		TMW-2		TMW-3		TMW-4			
					Sample ID		TMW-1 20241008	TMW-2 20241009	TMW-3 20241009	TMW-4 20241009						
Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q		
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,2-Trichloroethane	79-00-5	1	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1-Dichloroethane	75-34-3	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1-Dichloroethene	75-35-4	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,3-Trichlorobenzene	87-61-6	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,3-Trichloropropane	96-18-4	0.04	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	5	ug/l	7.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dichlorobenzene	95-50-1	3	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dichloroethane	107-06-2	0.6	ug/l	ND < 1.0	ug/l	U	0.89	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dichloropropane	78-87-5	1	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	3.4	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,3-Dichlorobenzene	541-73-1	3	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,4-Dichlorobenzene	106-46-7	3	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	NE		ND < 200	ug/l	U	ND < 40	ug/l	U	ND < 200	ug/l	U	ND < 40	ug/l	U
SW8260	2-Hexanone	591-78-6	50	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Acetone	67-64-1	50	ug/l	ND < 5.0	ug/l	U	ND < 1.0	ug/l	U	22	ug/l	U	5.9	ug/l	U
SW8260	Acrolein	107-02-8	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Acrylonitrile	107-13-1	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Benzene	71-43-2	1	ug/l	39	ug/l	U	ND < 0.20	ug/l	U	3.6	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromochloromethane	74-97-5	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromodichloromethane	75-27-4	50	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromoform	75-25-2	50	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromomethane	74-83-9	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Carbon Disulfide	75-15-0	60	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	0.24	ug/l	J
SW8260	Carbon Tetrachloride	56-23-5	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chlorobenzene	108-90-7	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	0.53	ug/l	U
SW8260	Chloroethane	75-00-3	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chloroform	67-66-3	7	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chloromethane	74-87-3	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	0.38	ug/l	J
SW8260	Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Cyclohexane	110-82-7	NE		ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	37	ug/l	U	3.4	ug/l	U
SW8260	Dibromochloromethane	124-48-1	50	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Dibromomethane	74-95-3	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Dichlorodifluoromethane	75-71-8	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Ethylbenzene	100-41-4	5	ug/l	2.8	ug/l	U	0.25	ug/l	J	ND < 1.0	ug/l	U	0.20	ug/l	J
SW8260	Hexachlorobutadiene	87-68-3	0.5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Isopropylbenzene (Cumene)	98-82-8	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	67	ug/l	U	ND < 0.20	ug/l	U
SW8260	m,p-Xylene	179601-23-1	NE		16	ug/l	U	ND < 0.50	ug/l	U	ND < 2.5	ug/l	U	ND < 0.50	ug/l	U
SW8260	Methyl Acetate	79-20-9	NE		ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	3.5	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE		ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methylcyclohexane	108-87-2	NE		ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	63	ug/l	U	0.47	ug/l	J
SW8260	Methylene Chloride	75-09-2	5	ug/l	ND < 5.0	ug/l	U	ND < 1.0	ug/l	U	ND < 5.0	ug/l	U	ND < 1.0	ug/l	U
SW8260	N-Butylbenzene	104-51-8	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	29	ug/l	U	6.5	ug/l	U
SW8260	N-Propylbenzene	103-65-1	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	83	ug/l	U	0.68	ug/l	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	11	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	0.25	ug/l	J
SW8260	P-Cymene (P-Isopropyltoluene)	CYMP	NE		ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Sec-Butylbenzene	135-98-8	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	60	ug/l	U	9.2	ug/l	U
SW8260	Styrene	100-42-5	5	ug/l	3.6	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	T-Butylbenzene	98-06-6	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	2.1	ug/l	J	ND < 0.20	ug/l	U
SW8260	Tert-Butyl Alcohol	75-65-0	NE		ND < 2.5	ug/l	U	ND < 0.50	ug/l	U	ND < 2.5	ug/l	U	ND < 0.50	ug/l	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Toluene	108-88-3	5	ug/l	26	ug/l	U	0.34	ug/l	J	ND < 1.0	ug/l	U	0.28	ug/l	J
SW8260	Trans-1,2-Dichloroethene	156-60-5	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trichloroethylene (TCE)	79-01-6	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trichlorofluoromethane	75-69-4	5	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U
SW8260	Vinyl Chloride	75-01-4	2	ug/l	ND < 1.0	ug/l	U	ND < 0.20	ug/l	U	ND < 1.0	ug/l	U	0.37	ug/l	J
SW8260	Xylenes	1330-20-7	NE		28	ug/l	U	ND < 0.60	ug/l	U	ND < 3.0	ug/l	U	0.69	ug/l	J

Notes:
 Standards are for Class GA groundwater according to 6NYCRR Part 700-705;
 Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
 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;
 NE = No standard established; &
 ND and U = Not detected at MDL for sample.

Table 6 - SVOCs in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
 PVE File #20230102

Date Sampled Location Sample ID					10/8/2024 TMW-1 TMW-1 20241008			10/9/2024 TMW-2 TMW-2 20241009			10/9/2024 TMW-3 TMW-3 20241009			10/9/2024 TMW-4 TMW-4 20241009		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	2-Methylphenol (O-Cresol)	00095-48-7	NE		30.9	ug/l		ND< 2.5	ug/l	U	ND< 2.5	ug/l	U	ND< 50	ug/l	U
SW8270	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NE		67.2	ug/l		ND< 2.5	ug/l	U	ND< 2.5	ug/l	U	ND< 50	ug/l	U
SW8270	Acenaphthene	83-32-9	20	ug/l	1.81	ug/l		ND< 0.050	ug/l	U	13.8	ug/l		37.4	ug/l	
SW8270	Acenaphthylene	208-96-8	NE		4.26	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	13.4	ug/l	
SW8270	Anthracene	120-12-7	NE	ug/l	1.78	ug/l		ND< 0.050	ug/l	U	6.18	ug/l		25.8	ug/l	
SW8270	Benzo(A)Anthracene	56-55-3	0.002	ug/l	0.770	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Benzo(A)Pyrene	50-32-8	0	ug/l	0.820	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Benzo(B)Fluoranthene	205-99-2	0.002	ug/l	0.860	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Benzo(G,H,I)Perylene	191-24-2	NE		0.440	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Benzo(K)Fluoranthene	207-08-9	0.002	ug/l	0.860	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Chrysene	218-01-9	0.002	ug/l	0.940	ug/l		ND< 0.050	ug/l	U	0.330	ug/l		ND< 1.0	ug/l	U
SW8270	Dibenz(A,H)Anthracene	53-70-3	NE		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Dibenzofuran	132-64-9	NE		4.60	ug/l	J	ND< 2.5	ug/l	U	10.8	ug/l		ND< 50	ug/l	U
SW8270	Fluoranthene	206-44-0	50	ug/l	3.66	ug/l		ND< 0.050	ug/l	U	1.24	ug/l		6.00	ug/l	
SW8270	Fluorene	86-73-7	50	ug/l	3.76	ug/l		ND< 0.050	ug/l	U	29.1	ug/l		43.6	ug/l	
SW8270	Hexachlorobenzene	118-74-1	0.04	ug/l	ND< 0.020	ug/l	U	ND< 0.020	ug/l	U	ND< 0.020	ug/l	U	ND< 0.40	ug/l	U
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.002	ug/l	0.440	ug/l		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U	ND< 1.0	ug/l	U
SW8270	Naphthalene	91-20-3	10	ug/l	112	ug/l		ND< 0.050	ug/l	U	5.27	ug/l		8.80	ug/l	
SW8270	Pentachlorophenol	87-86-5	1.5	ug/l	ND< 0.25	ug/l	U	ND< 0.25	ug/l	U	ND< 0.25	ug/l	U	ND< 5.0	ug/l	U
SW8270	Phenanthrene	85-01-8	50	ug/l	10.2	ug/l		ND< 0.050	ug/l	U	52.1	ug/l		57.6	ug/l	
SW8270	Phenol	108-95-2	1	ug/l	32.3	ug/l		ND< 2.5	ug/l	U	ND< 2.5	ug/l	U	ND< 50	ug/l	U
SW8270	Pyrene	129-00-0	50	ug/l	2.55	ug/l		ND< 0.050	ug/l	U	1.26	ug/l		ND< 1.0	ug/l	U

Notes:

Standards are for Class GA groundwater according to 6NYCRR Part 700-705;

Yellow Shading designates those compounds detected at concentrations exceeding Class GA;

J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit;

NE = No standard established; &

ND and U = Not detected at MDL for sample.

Table 7 - Metals in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
 PVE File #20230102

Date Sampled Location Sample ID					10/8/2024 TMW-1 TMW-1 20241008			10/9/2024 TMW-2 TMW-2 20241009			10/9/2024 TMW-3 TMW-3 20241009			10/9/2024 TMW-4 TMW-4 20241009		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Aluminum	7429-90-5	NE		ND< 0.0556	mg/l	U	0.0772	mg/l		ND< 0.0556	mg/l	U	0.0604	mg/l	
SW6010	Barium	7440-39-3	1	mg/l	0.309	mg/l		0.0446	mg/l		0.102	mg/l		0.287	mg/l	
SW6010	Calcium	7440-70-2	NE		85.6	mg/l		162	mg/l		128	mg/l		115	mg/l	
SW6010	Chromium, Total	7440-47-3	0.05	mg/l	ND< 0.00556	mg/l	U	ND< 0.00556	mg/l	U	0.0111	mg/l		ND< 0.00556	mg/l	U
SW6010	Cobalt	7440-48-4	NE		0.00589	mg/l		ND< 0.00444	mg/l	U	ND< 0.00444	mg/l	U	ND< 0.00444	mg/l	U
SW6010	Copper	7440-50-8	0.2	mg/l	ND< 0.0222	mg/l	U	0.0331	mg/l		0.0385	mg/l		0.0317	mg/l	
SW6010	Iron	7439-89-6	0.3	mg/l	16.7	mg/l		0.342	mg/l		13.5	mg/l		7.33	mg/l	
SW6010	Lead	7439-92-1	0.025	mg/l	0.0106	mg/l		0.0243	mg/l		0.0191	mg/l		0.0192	mg/l	
SW6010	Magnesium	7439-95-4	35	mg/l	7.57	mg/l		26.2	mg/l		20.0	mg/l		14.7	mg/l	
SW6010	Manganese	7439-96-5	0.3	mg/l	1.39	mg/l		3.68	mg/l		3.03	mg/l		2.28	mg/l	
SW6010	Nickel	7440-02-0	0.1	mg/l	ND< 0.0111	mg/l	U	ND< 0.0111	mg/l	U	0.0155	mg/l		ND< 0.0111	mg/l	U
SW6010	Potassium	7440-09-7	NE		5.18	mg/l		2.62	mg/l		17.3	mg/l		9.87	mg/l	
SW6010	Silver	7440-22-4	0.05	mg/l	ND< 0.00556	mg/l	U	ND< 0.00556	mg/l	U	ND< 0.00556	mg/l	U	ND< 0.00556	mg/l	U
SW6010	Sodium	7440-23-5	20	mg/l	80.3	mg/l		16.5	mg/l		382	mg/l		329	mg/l	
SW6010	Vanadium	7440-62-2	NE		ND< 0.0111	mg/l	U	ND< 0.0111	mg/l	U	ND< 0.0111	mg/l	U	ND< 0.0111	mg/l	U
SW6010	Zinc	7440-66-6	2	mg/l	0.564	mg/l		ND< 0.0278	mg/l	U	0.0762	mg/l		ND< 0.0278	mg/l	U
SW7470	Mercury	7439-97-6	0.0007	mg/l	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U

Notes:

Standards are for Class GA groundwater according to 6NYCRR Part 700-705;

Yellow Shading designates those compounds detected at concentrations exceeding Class GA;

NE = No standard established; &

ND and U = Not detected at MDL for sample.

Table 8 - PCBs in Groundwater Samples

Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705

130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY

PVE File #20230102

				Date Sampled	10/8/2024		
				Location	TMW-1		
				Sample ID	TMW-1 20241008		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE		ND< 0.050	ug/l	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE		ND< 0.050	ug/l	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE		ND< 0.050	ug/l	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE		ND< 0.050	ug/l	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE		ND< 0.050	ug/l	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE		ND< 0.050	ug/l	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE		ND< 0.050	ug/l	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.09	ug/l	ND< 0.050	ug/l	U

Notes:

Standards are for Class GA groundwater according to 6NYCRR Part 700-705;

Yellow Shading designates those compounds detected at concentrations exceeding Class GA;

NE = No standard established; &

ND and U = Not detected at MDL for sample.

Table 9 - VOCs in Soil Vapor Samples
 Compared to NYSDOH Decision Matrices
 130 Ontario Street, 134 & 154 West Street, City of Albany, Albany County, NY
 PVE File #20230102

					Date Sampled Location Sample ID	10/8/2024 SV-2 SV-2 20241008		10/8/2024 SV-3 SV-3 20241008		10/8/2024 SV-4 SV-4 20241008		10/8/2024 SSV-1 SSV-1 20241008					
Analyte	CAS RN	NFA	Identify Source(s), Resample or Mitigate / or Monitor	Mitigate	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE		19	ug/m3		ND< 2.0	ug/m3	U	ND< 10	ug/m3	U	ND< 0.95	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	<100	100 - 1,000	>1,000	ug/m3	12	ug/m3		2.4	ug/m3		ND< 8.0	ug/m3	U	1.4	ug/m3	
1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	NE		21	ug/m3		ND< 2.0	ug/m3	U	ND< 10	ug/m3	U	0.95	ug/m3	
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE		13	ug/m3		ND< 2.3	ug/m3	U	ND< 11	ug/m3	U	1.7	ug/m3	
1,1,2-Trichloroethane	79-00-5	NE	NE	NE		ND< 7.5	ug/m3	U	ND< 1.6	ug/m3	U	ND< 8.0	ug/m3	U	ND< 0.76	ug/m3	U
1,1-Dichloroethane	75-34-3	NE	NE	NE		6.7	ug/m3		ND< 1.2	ug/m3	U	ND< 5.9	ug/m3	U	0.62	ug/m3	
1,1-Dichloroethene	75-35-4	<6	6 - 60	>60	ug/m3	5.5	ug/m3		0.47	ug/m3		3.5	ug/m3		0.60	ug/m3	
1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE		16	ug/m3		2.9	ug/m3		14	ug/m3		1.5	ug/m3	
1,2,4-Trimethylbenzene	95-63-6	<60	60 - 600	>600	ug/m3	36	ug/m3		23	ug/m3		34	ug/m3		17	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE	NE		24	ug/m3		ND< 2.3	ug/m3	U	11	ug/m3		1.1	ug/m3	
1,2-Dichlorobenzene	95-50-1	NE	NE	NE		14	ug/m3		ND< 1.8	ug/m3	U	ND< 8.8	ug/m3	U	ND< 0.83	ug/m3	U
1,2-Dichloroethane	107-06-2	NE	NE	NE		ND< 5.6	ug/m3	U	ND< 1.2	ug/m3	U	ND< 5.9	ug/m3	U	ND< 0.56	ug/m3	U
1,2-Dichloropropane	78-87-5	NE	NE	NE		15	ug/m3		ND< 1.4	ug/m3	U	ND< 6.8	ug/m3	U	0.71	ug/m3	
1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE	NE		ND< 9.6	ug/m3	U	2.1	ug/m3		ND< 10	ug/m3	U	1.2	ug/m3	
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	<60	60 - 600	>600	ug/m3	20	ug/m3		5.9	ug/m3		13	ug/m3		4.1	ug/m3	
1,3-Butadiene	106-99-0	NE	NE	NE		20	ug/m3		ND< 2.0	ug/m3	U	ND< 9.7	ug/m3	U	1.6	ug/m3	
1,3-Dichlorobenzene	541-73-1	NE	NE	NE		17	ug/m3		ND< 1.8	ug/m3	U	ND< 8.8	ug/m3	U	0.92	ug/m3	
1,3-Dichloropropane	142-28-9	NE	NE	NE		13	ug/m3		ND< 1.4	ug/m3	U	ND< 6.8	ug/m3	U	0.64	ug/m3	
1,4-Dichlorobenzene	106-46-7	NE	NE	NE		17	ug/m3		ND< 1.8	ug/m3	U	ND< 8.8	ug/m3	U	0.92	ug/m3	
1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE	NE		ND< 9.9	ug/m3	U	ND< 2.2	ug/m3	U	ND< 11	ug/m3	U	ND< 1.0	ug/m3	U
2,2,4-Trimethylpentane	540-84-1	<60	60 - 600	>600	ug/m3	15	ug/m3		2.8	ug/m3		3400	ug/m3		9.8	ug/m3	
2-Hexanone	591-78-6	NE	NE	NE		ND< 11	ug/m3	U	ND< 2.4	ug/m3	U	ND< 12	ug/m3	U	ND< 1.1	ug/m3	U
4-Ethyltoluene	622-96-8	NE	NE	NE		40	ug/m3		25	ug/m3		38	ug/m3		17	ug/m3	
Acetone	67-64-1	NE	NE	NE		450	ug/m3		190	ug/m3		300	ug/m3		48	ug/m3	
Acrylonitrile	107-13-1	NE	NE	NE		3.9	ug/m3		ND< 0.65	ug/m3	U	ND< 3.2	ug/m3	U	20	ug/m3	
Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE	NE		ND< 22	ug/m3	U	ND< 4.7	ug/m3	U	ND< 23	ug/m3	U	ND< 2.2	ug/m3	U
Benzene	71-43-2	<60	60 - 600	>600	ug/m3	19	ug/m3		3.2	ug/m3		27	ug/m3		9.7	ug/m3	
Benzyl Chloride	100-44-7	NE	NE	NE		7.1	ug/m3		ND< 1.5	ug/m3	U	ND< 7.6	ug/m3	U	ND< 0.72	ug/m3	U
Bromodichloromethane	75-27-4	NE	NE	NE		20	ug/m3		ND< 2.0	ug/m3	U	ND< 9.8	ug/m3	U	1.1	ug/m3	
Bromoform	75-25-2	NE	NE	NE		17	ug/m3		ND< 3.1	ug/m3	U	ND< 15	ug/m3	U	ND< 1.4	ug/m3	U
Bromomethane	74-83-9	NE	NE	NE		5.4	ug/m3		ND< 1.2	ug/m3	U	ND< 5.7	ug/m3	U	0.59	ug/m3	
Carbon Disulfide	75-15-0	NE	NE	NE		160	ug/m3		2.1	ug/m3		13	ug/m3		2.0	ug/m3	
Carbon Tetrachloride	56-23-5	<6	6 - 60	>60	ug/m3	13	ug/m3		1.3	ug/m3		5.5	ug/m3		1.1	ug/m3	
Chlorobenzene	108-90-7	NE	NE	NE		29	ug/m3		1.9	ug/m3		ND< 6.8	ug/m3	U	0.77	ug/m3	
Chloroethane	75-00-3	NE	NE	NE		ND< 3.6	ug/m3	U	ND< 0.79	ug/m3	U	ND< 3.9	ug/m3	U	0.40	ug/m3	
Chloroform	67-66-3	NE	NE	NE		17	ug/m3		1.7	ug/m3		19	ug/m3		0.95	ug/m3	
Chloromethane	74-87-3	NE	NE	NE		7.4	ug/m3		0.68	ug/m3		ND< 3.0	ug/m3	U	0.77	ug/m3	
Cis-1,2-Dichloroethylene	156-59-2	<6	6 - 60	>60	ug/m3	7.1	ug/m3		0.83	ug/m3		44	ug/m3		1.1	ug/m3	
Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE		12	ug/m3		ND< 1.4	ug/m3	U	ND< 6.7	ug/m3	U	0.63	ug/m3	
Cyclohexane	110-82-7	<60	60 - 600	>600	ug/m3	63	ug/m3		1.6	ug/m3		700	ug/m3		4.4	ug/m3	
Dibromochloromethane	124-48-1	NE	NE	NE		20	ug/m3		ND< 2.5	ug/m3	U	ND< 13	ug/m3	U	ND< 1.2	ug/m3	U
Dichlorodifluoromethane	75-71-8	NE	NE	NE		8.2	ug/m3		4.1	ug/m3		ND< 7.3	ug/m3	U	3.9	ug/m3	
Ethyl Acetate	141-78-6	NE	NE	NE		ND< 9.9	ug/m3	U	ND< 2.2	ug/m3	U	ND< 11	ug/m3	U	1.1	ug/m3	
Ethylbenzene	100-41-4	<60	60 - 600	>600	ug/m3	210	ug/m3		61	ug/m3		110	ug/m3		32	ug/m3	
Hexachlorobutadiene	87-68-3	NE	NE	NE		34	ug/m3		6.1	ug/m3		33	ug/m3		2.8	ug/m3	
Isopropanol	67-63-0	NE	NE	NE		ND< 6.8	ug/m3	U	2.3	ug/m3		11	ug/m3		1.4	ug/m3	
m,p-Xylene	179601-23-1	<200	200 - 2,000	>2,000	ug/m3	560	ug/m3		96	ug/m3		290	ug/m3		39	ug/m3	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE	NE		28	ug/m3		9.6	ug/m3		27	ug/m3		3.2	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE		13	ug/m3		4.2	ug/m3		ND< 6.0	ug/m3	U	0.63	ug/m3	
Methyl Methacrylate	80-62-6	NE	NE	NE		39	ug/m3		ND< 1.2	ug/m3	U	ND< 6.0	ug/m3	U	ND< 0.57	ug/m3	U
Methylene Chloride	75-09-2	<100	100 - 1,000	>1,000	ug/m3	12	ug/m3		2.4	ug/m3		ND< 10	ug/m3	U	ND< 0.96	ug/m3	U
Naphthalene	91-20-3	<60	60 - 600	>600	ug/m3	ND< 14	ug/m3	U	4.2	ug/m3		ND< 15	ug/m3	U	4.1	ug/m3	
N-Heptane	142-82-5	<200	200 - 2,000	>2,000	ug/m3	26	ug/m3		4.4	ug/m3		97	ug/m3		5.7	ug/m3	
N-Hexane	110-54-3	<200	200 - 2,000	>2,000	ug/m3	24	ug/m3		4.3	ug/m3		320	ug/m3		14	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	95-47-6	<60	60 - 600	>600	ug/m3	170	ug/m3		29	ug/m3		110	ug/m3		14	ug/m3	
Propylene	115-07-1	NE	NE	NE		ND< 2.4	ug/m3	U	ND< 0.51	ug/m3	U	310	ug/m3		13	ug/m3	
Styrene	100-42-5	NE	NE	NE		17	ug/m3		2.2	ug/m3		8.1	ug/m3		1.2	ug/m3	
Tert-Butyl Methyl Ether	1634-04-4	NE	NE	NE		ND< 5.0	ug/m3	U	ND< 1.1	ug/m3	U	ND< 5.3	ug/m3	U	ND< 0.50	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	<100	100 - 1,000	>1,000	ug/m3	25	ug/m3		6.1	ug/m3		ND< 10	ug/m3	U	1.0	ug/m3	
Tetrahydrofuran	109-99-9	NE	NE	NE		13	ug/m3		2.1	ug/m3		ND< 8.7	ug/m3	U	2.7	ug/m3	
Toluene	108-88-3	<300	300 - 3,000	>3,000	ug/m3	70	ug/m3		38	ug/m3		81	ug/m3		32	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	NE	NE	NE		6.0	ug/m3		ND< 1.2	ug/m3	U	11	ug/m3		0.60	ug/m3	
Trans-1,3-Dichloropropene	10061-02-6	NE	NE	NE		11	ug/m3		ND< 1.4	ug/m3	U	ND< 6.7	ug/m3	U	0.63	ug/m3	
Trichloroethylene (TCE)	79-01-6	<6	6 - 60	>60	ug/m3	16	ug/m3		1.1	ug/m3		ND< 2.0	ug/m3	U	9.6	ug/m3	
Trichlorofluoromethane	75-69-4	NE	NE	NE		ND< 7.7	ug/m3	U	8.7	ug/m3		ND< 8.3	ug/m3	U	2.5	ug/m3	
Vinyl Acetate	108-05-4	NE	NE	NE		5.8	ug/m3		ND< 1.1	ug/m3	U	5.7	ug/m3		0.63	ug/m3	
Vinyl Bromide	593-60-2	NE	NE	NE		ND< 6.0	ug/m3	U	ND< 1.3	ug/m3	U	ND< 6.4	ug/m3	U	0.61	ug/m3	
Vinyl Chloride	75-01-4	<6	6 - 60	>60	ug/m3	3.9	ug/m3		0.53	ug/m3		180	ug/m3		0.32	ug/m3	

Notes:

Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - 2017 & 2024 Revised Decision Matrices A, B, C, D, E, & F;
 Green shading indicates "No Further Action";
 Yellow shading indicates "Identify Source(s), Resample or Mitigate/or Monitor";
 Orange shading indicates "Mitigate";
 NE = No standard established;
 ND and U = Not detected at Method Detection Limit for sample; &
 * = Compared to AI sample.



SOIL BORING LOGS



PAGE 1 OF 1

PROJECT NAME 130 Ontario St & 154 West St, Albany, NY

PROJECT LOCATION 130 Ontario St & 154 West St, Albany, NY

GROUND ELEVATION **HOLE SIZE** 4 inches

GROUND WATER LEVELS:

AT TIME OF DRILLING ---

AT END OF DRILLING ---

AFTER DRILLING ---

MATERIAL DESCRIPTION

PID = 0

Bottom of borehole at 4.0 feet.



PAGE 1 OF 1

PROJECT NAME 130 Ontario St & 154 West St, Albany, NY

PROJECT LOCATION 130 Ontario St & 154 West St, Albany, NY

COMPLETED 10/8/24

GROUND ELEVATION _____ **HOLE SIZE** 4 inches

DRILLING CONTRACTOR PVE Engineering

GROUND WATER LEVELS:

DRILLING METHOD Hand Tools (Auger)

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA

AT END OF DRILLING ---

NOTES

AFTER DRILLING ---

Bottom of borehole at 4.0 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845-454-2544
Fax: 845-454-2655

BORING NUMBER SB-3

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/8/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
▽ AT TIME OF DRILLING		9.50 ft	
AT END OF DRILLING		---	
AFTER DRILLING		---	

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.3				Asphalt parking lot.	
				(Fill) Brown silt, some clay, little fine sand; some ash, little coal fragments.	PID = 0
2.5					
3.0				(Fill) Brown silt, some clay; some coal fragments, ash, coal ash.	PID = 0
4.0	GB 3 - 4'			Brown silt, some clay; moist.	
5.0					
7.5					
8.0				(CL) Brown clay, some silt; moist to saturated.	
10.0				▽	
12.5					
15.0					
16.0					

Bottom of borehole at 16.0 feet.



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WELL NUMBER SB-4

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/8/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES	Converted to TMW-1 ATD.		
		GROUND WATER LEVELS:	
		▽ AT TIME OF DRILLING	12.00 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0.0					
0.3			Asphalt parking lot.		
			(Fill) Brown fine and medium sand, some silt; some gravel; some brick and coal fragments and crushed coal and ash throughout; moist to saturated.		
2.5					
5.0					
7.5					
10.0					
12.5	GB 10 - 12'		▽	PID = 0	
15.0					
16.0					

Bottom of borehole at 16.0 feet.



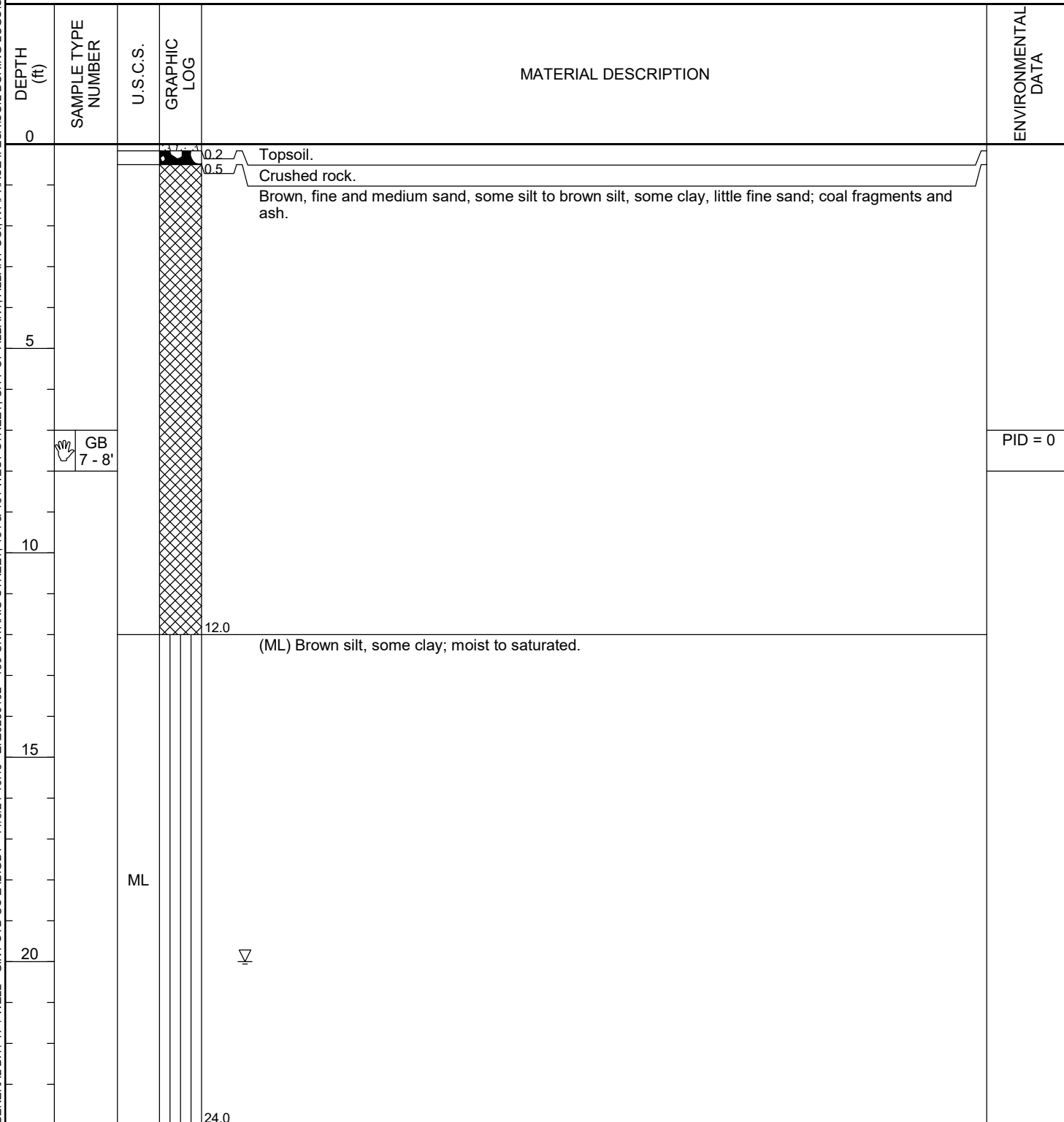
PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845-454-2544
Fax: 845-454-2655

BORING NUMBER SB-5

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/8/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES	Converted to TMW-2 ATD.		
		GROUND WATER LEVELS:	
		AT TIME OF DRILLING	20.00 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ



Bottom of borehole at 24.0 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845-454-2544
Fax: 845-454-2655

BORING NUMBER SB-6

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/8/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
		GROUND WATER LEVELS:	
		▽ AT TIME OF DRILLING	8.00 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
				Asphalt parking lot.	
				(Fill) Brown/dark brown fine and medium sand, some silt; little coal fragments and ash.	
1.5				(Fill) Brown silt, some clay; some coal, brick and glass fragments and ash.	PID = 0
2.5	GB 1.5 - 3'				
5.0		SP		(SP) Brown fine sand, some silt; wet.	
7.5		SP		(SP) Brown silt, some fine and medium sand; wet.	
10.0		CL		(CL) Brown/gray clay, some silt; saturated to wet.	
12.0					

Bottom of borehole at 12.0 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845-454-2544
Fax: 845-454-2655

BORING NUMBER SB-7

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/8/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
		GROUND WATER LEVELS:	
		▽ AT TIME OF DRILLING	12.00 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.2				Asphalt parking lot.	
2.0				Brown fine and medium sand, some silt to dark brown fine, medium and coarse sand, some silt; some ash, coal and glass fragments.	
2.5					
5.0					PID = 0
7.5					
10.0					
12.5				▽ (ML) Brown/light gray silt, some clay' saturated to moist.	
15.0					
16.0					

Bottom of borehole at 16.0 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845-454-2544
Fax: 845-454-2655

WELL NUMBER SB-8

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/8/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES	Converted to TMW-3 ATD.		
		GROUND WATER LEVELS:	
		▽ AT TIME OF DRILLING	8.00 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0.0						
0.3				Asphalt parking lot.		
		SM		(SM) Brown to dark brown fine, medium and coarse sand, some silt; some gravel.		
2.5						
		ML		(ML) Dark brown silt, some clay; some crushed rock.	PID = 2.8	
5.0						
6.0						
	GB 6 - 8'			(CL) Dark brown clay, some silt; visual and olfactory evidence of petroleum contamination; moist to saturated.	PID = 7.4	
7.5					PID = 71.1	
		CL		▽	PID = 17.9	
10.0					PID = 38.3	
12.0						

Bottom of borehole at 12.0 feet.



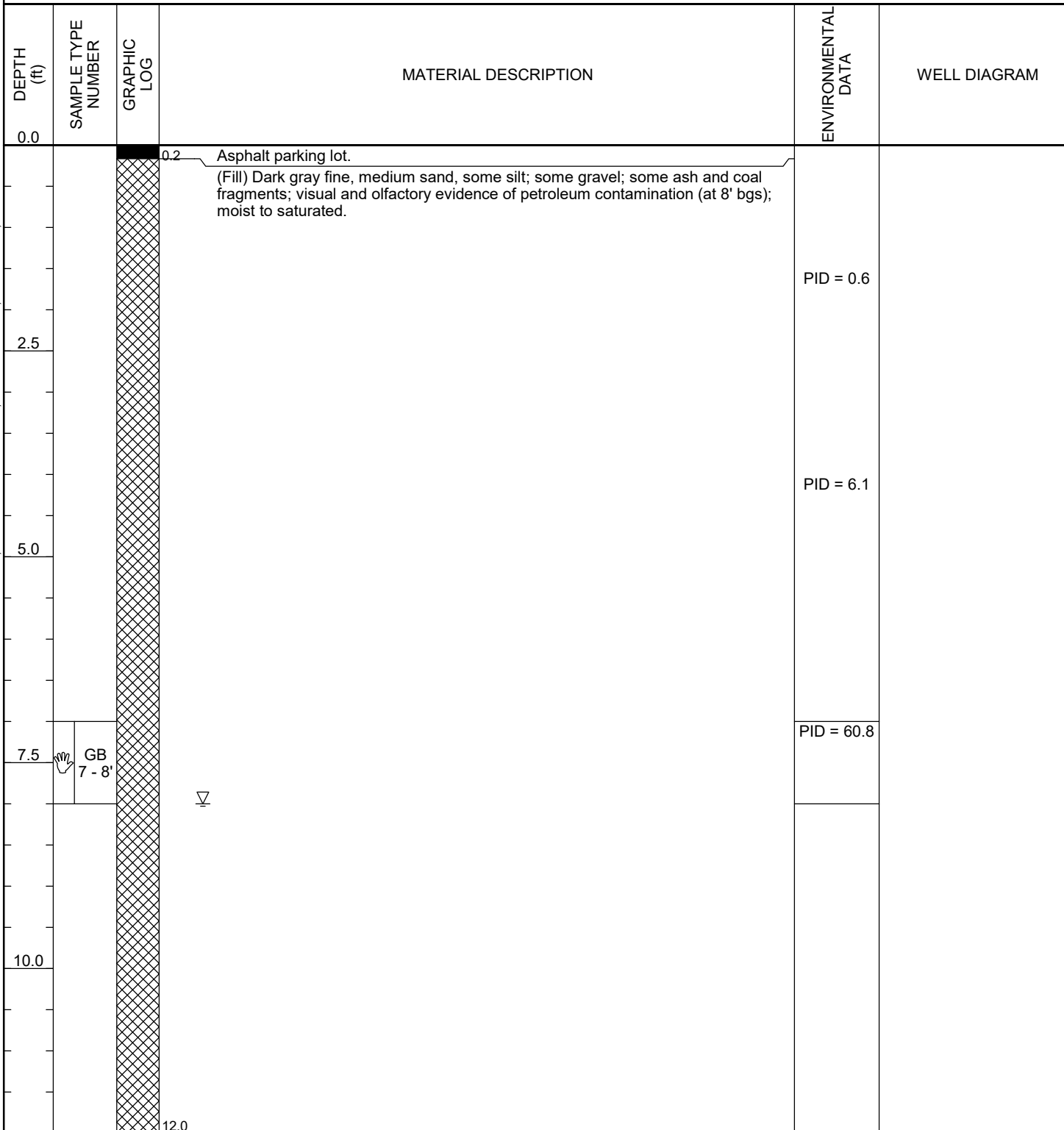
PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845-454-2544
Fax: 845-454-2655

WELL NUMBER SB-9

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/8/24	COMPLETED	10/9/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES	Converted to TMW-4 ATD.		
		GROUND WATER LEVELS:	
		▽ AT TIME OF DRILLING	8.00 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ



Bottom of borehole at 12.0 feet.



PVE Engineering
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Poughkeepsie, NY
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Fax: 845-454-2655

BORING NUMBER SB-10

PAGE 1 OF 1

CLIENT	Regan Development Corporation	PROJECT NAME	130 Ontario St & 154 West St, Albany, NY
PROJECT NUMBER	20230102	PROJECT LOCATION	130 Ontario St & 154 West St, Albany, NY
DATE STARTED	10/9/24	COMPLETED	10/9/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.25 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
		GROUND WATER LEVELS:	
		▽ AT TIME OF DRILLING	8.50 ft
		AT END OF DRILLING	---
		AFTER DRILLING	---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 11/5/24 16:45 - Z:\20230102 - 130 ONTARIO STREET, 134 & 154 WEST STREET, CITY OF ALBANY, ALBANY CO., NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.2				Topsoil - dark brown silt, some fine sand.	
				(Fill) Brown silt, some fine sand to brown silt, some clay; little coal fragments and ash.	
2.5					
5.0	GB 4.5 - 6'				PID = 0
7.5					
8.0				(SP) Brown silt, some fine sand; moist to saturated.	
				▽	
10.0		SP			
12.0					

Bottom of borehole at 12.0 feet.



SOIL VAPOR SAMPLING LOG

VAPOR SAMPLING LOG

Project Name/Address: 130 & 135 Ontario Street, 134 & 154 West Street, City of Albany, New York

PVE Project #: 20230102-0002

Sampler(s): AJS/TLC/AER

Weather: 52°F; mostly cloudy

NOTES: _____

KEY

Location Type:

(A) Sub-slab

(B) Soil vapor probe, pre-fabricated (6-inch stainless steel vapor probe)

(C) Soil vapor probe, field constructed (Describe: _____)

(D) Ambient Air

Sampling Method:

(A) 1-L summa canister

(B) 6-L summa canister

(C) Other: _____

Purge Method:

(A) Peristaltic pump set to a flow rate: 0.2 L/min

(B) PID set to a flow rate: 0.2 L/min

(C) Other: _____

Apparent Moisture Content of Sampling Zone:

(A) Dry

(B) Moist

(C) Saturated

Sample ID	Location Type	Apparent Moisture	Sample Depth	Helium Tracer Test	Sampling Method	Purge Method	Purge Volume	Sample Start Date/Time	Sample End Date/Time	Canister ID	Regulator ID	Canister start vacuum	Canister end vacuum
SV-1 20241008	B	A	4' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-10-08 10:21	2024-10-08 12:38	34497	7418	-30"	-2"
SV-2 20241008	B	A	4' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-10-08 10:25	2024-10-08 12:39	20944	6874	-29"	-1"
SV-3 20241008	B	A	4' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-10-08 10:28	2024-10-08 12:40	49575	19415	-29.5"	-3"
SV-4 20241008	B	A	4' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-10-08 10:33	2024-10-08 12:59	16956	20232	-30"	-3"
SSV-1 20241008	A	A	7" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-10-08 10:40	2024-10-08 13:15	48301	S119	-30"	-2"
AI-1 20241008	D	A	3-4' ags	N/A	B	N/A	N/A	2024-10-08 10:42	2024-10-08 13:13	48312	20426	-30"	-2"
SSV-2 20241008	A	A	7" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-10-08 10:47	2024-10-08 13:31	43005	19423	-30+"	-3"
AI-2 20241008	D	A	3-4' ags	N/A	B	N/A	N/A	2024-10-08 10:48	2024-10-08 13:30	18296	20442	-30"	-2"

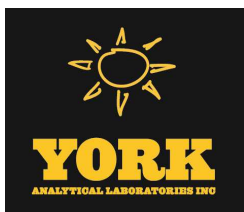
Analytical Laboratory: York Analytical Laboratories

Date Shipped to Lab: October 9, 2024

Delivery Service: __FedEx __UPS ☒ Courier



ANALYTICAL REPORTS



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 10/17/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0587

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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: 10/17/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0587

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

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 October 09, 2024 and listed below. The project was identified as your project: **20230102**.

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>
24J0587-01	SB-1 3-4 20241008	Soil	10/08/2024	10/09/2024
24J0587-02	SB-2 3-4 20241008	Soil	10/08/2024	10/09/2024
24J0587-03	SB-3 3-4 20241008	Soil	10/08/2024	10/09/2024
24J0587-04	SB-4 10-12 20241008	Soil	10/08/2024	10/09/2024
24J0587-05	SB-5 7-8 20241008	Soil	10/08/2024	10/09/2024
24J0587-06	SB-6 1.5-3 20241008	Soil	10/08/2024	10/09/2024
24J0587-07	SB-7 4-8 20241008	Soil	10/08/2024	10/09/2024
24J0587-08	SB-8 6-8 20241008	Soil	10/08/2024	10/09/2024
24J0587-09	SB-9 7-8 20241008	Soil	10/08/2024	10/09/2024

General Notes for York Project (SDG) No.: 24J0587

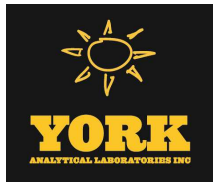
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 10/17/2024





Sample Information

Client Sample ID: SB-1 3-4 20241008

York Sample ID: 24J0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24J0587

20230102

Soil

October 8, 2024 10:45 am

10/09/2024

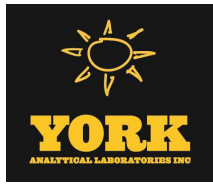
Volatile Organics, 8260 - Comprehensive

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	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-1 3-4 20241008

York Sample ID: 24J0587-01

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 10:45 am

Date Received

10/09/2024

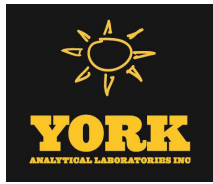
Volatile Organics, 8260 - Comprehensive

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
67-64-1	Acetone	0.015	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC



Sample Information

Client Sample ID: SB-1 3-4 20241008

York Sample ID: 24J0587-01

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 10:45 am

Date Received

10/09/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

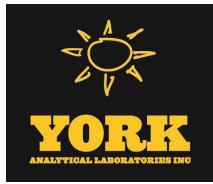
Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 02:37	BMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-1 3-4 20241008

York Sample ID: 24J0587-01

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 10:45 am

Date Received

10/09/2024

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	105 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			76-130						

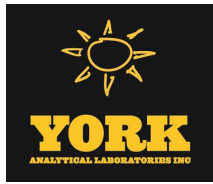
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
120-12-7	Anthracene	0.0616	J	mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
56-55-3	Benzo(a)anthracene	0.155		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
50-32-8	Benzo(a)pyrene	0.150		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
205-99-2	Benzo(b)fluoranthene	0.125		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
191-24-2	Benzo(g,h,i)perylene	0.0981	J	mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
207-08-9	Benzo(k)fluoranthene	0.131		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
218-01-9	Chrysene	0.152		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
206-44-0	Fluoranthene	0.302		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/15/2024 08:45	10/16/2024 15:14	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.0933	J	mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS



Sample Information

Client Sample ID: SB-1 3-4 20241008

York Sample ID: 24J0587-01

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 10:45 am

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
85-01-8	Phenanthrene	0.241		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
129-00-0	Pyrene	0.306		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:14	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	68.0 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	68.5 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	84.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	76.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	71.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.8 %	24-116								

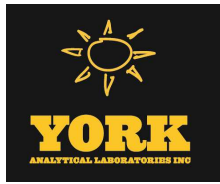
Metals, Target Analyte

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	9070		mg/kg dry	5.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-38-2	Arsenic	8.58		mg/kg dry	1.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-39-3	Barium	299	M-CCV 1	mg/kg dry	2.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-41-7	Beryllium	0.692	M-CCV 1	mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-43-9	Cadmium	0.433	M-CCV 1	mg/kg dry	0.306	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-70-2	Calcium	21400		mg/kg dry	5.10	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-47-3	Chromium	14.8	M-CCV 1	mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-48-4	Cobalt	7.26	M-CCV 1	mg/kg dry	0.408	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR
7440-50-8	Copper	63.0		mg/kg dry	2.04	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:05	AGNR



Sample Information

Client Sample ID: SB-1 3-4 20241008			York Sample ID: 24J0587-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 10:45 am	10/09/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	16000		mg/kg dry	25.5	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	679	M-CCV	mg/kg dry	0.511	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
			I, B				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	3870		mg/kg dry	5.11	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	378	M-CCV	mg/kg dry	0.511	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
			I				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	19.1	M-CCV	mg/kg dry	1.02	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
			I				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	1520		mg/kg dry	5.11	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.514	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	187		mg/kg dry	51.0	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.55	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	21.5		mg/kg dry	1.02	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	483	M-CCV	mg/kg dry	2.54	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:05	AGNR
			I				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	0.238		mg/kg dry	0.0367	1	EPA 7473	10/12/2024 08:49	10/15/2024 16:59	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

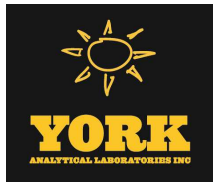
Total Solids

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	81.7		%	0.100	1	SM 2540G	10/10/2024 07:08	10/10/2024 10:07	SMM
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-2 3-4 20241008

York Sample ID: 24J0587-02

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 12:15 pm

Date Received

10/09/2024

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	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:03	BMC



Sample Information

Client Sample ID: SB-2 3-4 20241008

York Sample ID: 24J0587-02

York Project (SDG) No.
24J0587

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 8, 2024 12:15 pm

Date Received
10/09/2024

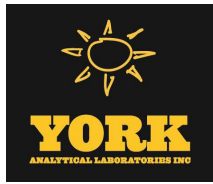
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0058	ICVE, J	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC



Sample Information

Client Sample ID: SB-2 3-4 20241008

York Sample ID: 24J0587-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0587	20230102	Soil	October 8, 2024 12:15 pm	10/09/2024

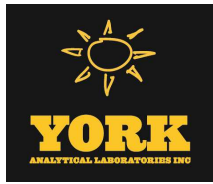
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:03	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	10/10/2024 14:24	10/11/2024 03:03	BMC
79-01-6	Trichloroethylene	0.0039	J	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:03	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	77-125								



Sample Information

Client Sample ID: SB-2 3-4 20241008

York Sample ID: 24J0587-02

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 12:15 pm

Date Received

10/09/2024

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
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			76-130						

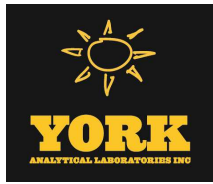
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
56-55-3	Benzo(a)anthracene	0.150		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
50-32-8	Benzo(a)pyrene	0.132		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
205-99-2	Benzo(b)fluoranthene	0.116		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
191-24-2	Benzo(g,h,i)perylene	0.0865	J	mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
207-08-9	Benzo(k)fluoranthene	0.106		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
218-01-9	Chrysene	0.140		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
206-44-0	Fluoranthene	0.307		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.0833	J	mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 15:45	SS



Sample Information

Client Sample ID: SB-2 3-4 20241008

York Sample ID: 24J0587-02

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 12:15 pm

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:45	SS
85-01-8	Phenanthrene	0.214		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:45	SS
108-95-2	Phenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:45	SS
129-00-0	Pyrene	0.302		mg/kg dry	0.0493	0.0983	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 15:45	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	69.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	70.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	85.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	72.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	83.0 %	24-116								

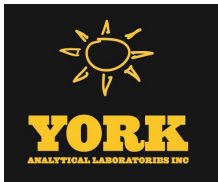
Metals, Target Analyte

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	13200		mg/kg dry	5.04	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-38-2	Arsenic	12.7		mg/kg dry	1.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-39-3	Barium	111	M-CCV 1	mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-41-7	Beryllium	0.623	M-CCV 1	mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-43-9	Cadmium	0.341	M-CCV 1	mg/kg dry	0.303	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-70-2	Calcium	6590		mg/kg dry	5.04	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-47-3	Chromium	18.9	M-CCV 1	mg/kg dry	0.505	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-48-4	Cobalt	9.29	M-CCV 1	mg/kg dry	0.403	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-50-8	Copper	115		mg/kg dry	2.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR
7439-89-6	Iron	24800		mg/kg dry	25.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:10	AGNR



Sample Information

Client Sample ID: SB-2 3-4 20241008

York Sample ID: 24J0587-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0587	20230102	Soil	October 8, 2024 12:15 pm	10/09/2024

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
7439-92-1	Lead	233	M-CCV 1, B	mg/kg dry	0.505	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7439-95-4	Magnesium	4730		mg/kg dry	5.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7439-96-5	Manganese	646	M-CCV 1	mg/kg dry	0.505	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-02-0	Nickel	23.8	M-CCV 1	mg/kg dry	1.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-09-7	Potassium	2040		mg/kg dry	5.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7782-49-2	Selenium	3.57	M-CCV 1	mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-23-5	Sodium	170		mg/kg dry	50.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-62-2	Vanadium	28.6		mg/kg dry	1.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR
7440-66-6	Zinc	227	M-CCV 1	mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:10	AGNR

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	0.530		mg/kg dry	0.0363	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	10/12/2024 08:49	10/15/2024 16:59	DRS

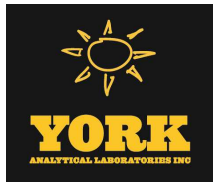
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/10/2024 07:10	10/10/2024 11:56	SMM



Sample Information

Client Sample ID: SB-3 3-4 20241008

York Sample ID: 24J0587-03

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 11:15 am

Date Received

10/09/2024

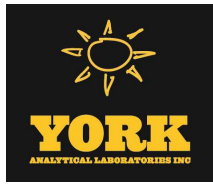
Volatile Organics, 8260 - Comprehensive

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	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:28	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/10/2024 14:24	10/11/2024 03:28	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:28	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:28	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:28	BMC



Sample Information

Client Sample ID: SB-3 3-4 20241008

York Sample ID: 24J0587-03

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 11:15 am

Date Received

10/09/2024

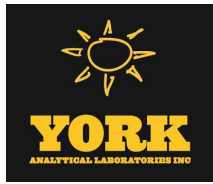
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC



Sample Information

Client Sample ID: SB-3 3-4 20241008

York Sample ID: 24J0587-03

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 11:15 am

Date Received

10/09/2024

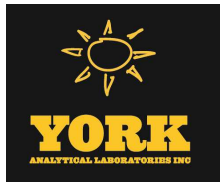
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D Certifications:	10/10/2024 14:24	10/11/2024 03:28	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %	77-125								



Sample Information

Client Sample ID: SB-3 3-4 20241008			York Sample ID: 24J0587-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 11:15 am	10/09/2024	

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
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

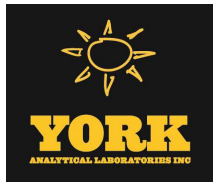
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
120-12-7	Anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
56-55-3	Benzo(a)anthracene	0.113		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-32-8	Benzo(a)pyrene	0.0817	J	mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
205-99-2	Benzo(b)fluoranthene	0.0889	J	mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
191-24-2	Benzo(g,h,i)perylene	0.0521	J	mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
207-08-9	Benzo(k)fluoranthene	0.0841	J	mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
218-01-9	Chrysene	0.141		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
206-44-0	Fluoranthene	0.304		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	Fluorene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
193-39-5	Indeno(1,2,3-cd)pyrene	0.0513	J	mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	10/15/2024 08:45	10/16/2024 16:15	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			



Sample Information

Client Sample ID: SB-3 3-4 20241008

York Sample ID: 24J0587-03

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 11:15 am

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 16:15	SS
85-01-8	Phenanthrene	0.186		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 16:15	SS
108-95-2	Phenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 16:15	SS
129-00-0	Pyrene	0.265		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 16:15	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.3 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	61.1 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.3 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	59.3 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	61.6 %	24-116								

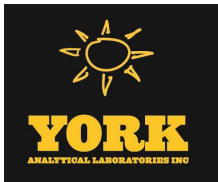
Metals, Target Analyte

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	10900		mg/kg dry	5.07	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-36-0	Antimony	3.20		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-38-2	Arsenic	48.2		mg/kg dry	1.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-39-3	Barium	179	M-CCV 1	mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-41-7	Beryllium	0.639	M-CCV 1	mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-43-9	Cadmium	2.37	M-CCV 1	mg/kg dry	0.304	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-70-2	Calcium	12800		mg/kg dry	5.08	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-47-3	Chromium	23.9	M-CCV 1	mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-48-4	Cobalt	14.8	M-CCV 1	mg/kg dry	0.406	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7440-50-8	Copper	83.8		mg/kg dry	2.03	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR
7439-89-6	Iron	41200		mg/kg dry	25.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:13	AGNR



Sample Information

Client Sample ID: SB-3 3-4 20241008			York Sample ID: 24J0587-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 11:15 am	10/09/2024	

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
7439-92-1	Lead	638	M-CCV 1, B	mg/kg dry	0.508	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	7430		mg/kg dry	5.08	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	883	M-CCV 1	mg/kg dry	0.508	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	56.9	M-CCV 1	mg/kg dry	1.01	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	1490		mg/kg dry	5.08	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	14.7	M-CCV 1	mg/kg dry	2.54	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.512	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	744		mg/kg dry	50.8	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.54	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	35.9		mg/kg dry	1.01	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	1090	M-CCV 1	mg/kg dry	2.53	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	16.6		mg/kg dry	0.0365	1	EPA 7473	10/12/2024 08:49	10/15/2024 16:59	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	1	SM 2540G	10/10/2024 07:08	10/10/2024 10:07	SMM
							Certifications:	CTDOH-PH-0723		



Sample Information

Client Sample ID: SB-4 10-12 20241008

York Sample ID: 24J0587-04

York Project (SDG) No.
24J0587

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 8, 2024 12:35 pm

Date Received
10/09/2024

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	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/10/2024 14:24	10/11/2024 03:53	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
95-63-6	1,2,4-Trimethylbenzene	0.038		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
108-67-8	1,3,5-Trimethylbenzene	0.0064	J	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.075	0.15	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC



Sample Information

Client Sample ID: SB-4 10-12 20241008

York Sample ID: 24J0587-04

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 12:35 pm

Date Received

10/09/2024

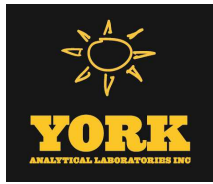
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.022	ICVE	mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
71-43-2	Benzene	0.14		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
100-41-4	Ethyl Benzene	0.0054	J	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC



Sample Information

Client Sample ID: SB-4 10-12 20241008

York Sample ID: 24J0587-04

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 12:35 pm

Date Received

10/09/2024

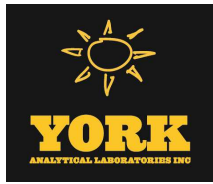
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
95-47-6	o-Xylene	0.052		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/10/2024 14:24	10/11/2024 03:53	BMC
179601-23-1	p- & m- Xylenes	0.076		mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/10/2024 14:24	10/11/2024 03:53	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
100-42-5	Styrene	0.0092		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/10/2024 14:24	10/11/2024 03:53	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/10/2024 14:24	10/11/2024 03:53	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
108-88-3	Toluene	0.094		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/10/2024 14:24	10/11/2024 03:53	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	10/10/2024 14:24	10/11/2024 03:53	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/10/2024 14:24	10/11/2024 03:53	BMC
1330-20-7	Xylenes, Total	0.13		mg/kg dry	0.011	0.023	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	10/10/2024 14:24	10/11/2024 03:53	BMC
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-4 10-12 20241008

York Sample ID: 24J0587-04

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 12:35 pm

Date Received

10/09/2024

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			76-130						

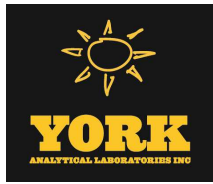
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	1.00	J	mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65794-96-9	3- & 4-Methylphenols	2.63		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
83-32-9	Acenaphthene	4.81		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	Acenaphthylene	32.2		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	Anthracene	27.2		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	Benzo(a)anthracene	57.9		mg/kg dry	5.86	11.7	200	EPA 8270E	10/15/2024 08:45	10/17/2024 14:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	41.2		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	36.2		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	22.3		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	34.3		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	63.6		mg/kg dry	5.86	11.7	200	EPA 8270E	10/15/2024 08:45	10/17/2024 14:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	5.64		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	24.1		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	172		mg/kg dry	5.86	11.7	200	EPA 8270E	10/15/2024 08:45	10/17/2024 14:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	23.7		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.732	1.46	25	EPA 8270E	10/15/2024 08:45	10/17/2024 11:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		



Sample Information

Client Sample ID: SB-4 10-12 20241008

York Sample ID: 24J0587-04

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24J0587	20230102	Soil	October 8, 2024 12:35 pm	10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	21.2		mg/kg dry	0.732	1.46	25	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 11:59	SS
91-20-3	Naphthalene	86.7		mg/kg dry	5.86	11.7	200	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 14:01	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.732	1.46	25	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 11:59	SS
85-01-8	Phenanthrene	217		mg/kg dry	5.86	11.7	200	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 14:01	SS
108-95-2	Phenol	2.05		mg/kg dry	0.732	1.46	25	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 11:59	SS
129-00-0	Pyrene	173		mg/kg dry	5.86	11.7	200	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 14:01	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	74.0 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	64.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.0 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	101 %	24-116								

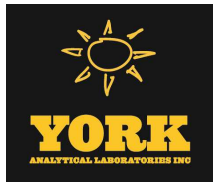
Polychlorinated Biphenyls (PCB)-8082

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	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
11104-28-2	Aroclor 1221		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
11141-16-5	Aroclor 1232		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
53469-21-9	Aroclor 1242		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
12672-29-6	Aroclor 1248		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
11097-69-1	Aroclor 1254		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
11096-82-5	Aroclor 1260		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:29	NF
1336-36-3	* Total PCBs		ND		mg/kg dry	0.0233	1	EPA 8082A Certifications:	10/15/2024 08:40	10/15/2024 18:29	NF
Surrogate Recoveries			Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene		57.5 %	30-140							



Sample Information

Client Sample ID: SB-4 10-12 20241008			York Sample ID: 24J0587-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 12:35 pm	10/09/2024	

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	37.0 %			30-140					

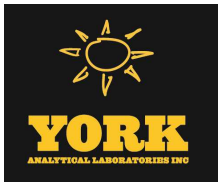
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7680		mg/kg dry	5.86	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.93	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	Arsenic	12.3		mg/kg dry	1.76	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	Barium	366	M-CCV	mg/kg dry	2.92	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	0.512	M-CCV	mg/kg dry	0.059	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	Calcium	12400		mg/kg dry	5.86	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	25.2	M-CCV	mg/kg dry	0.586	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	7.38	M-CCV	mg/kg dry	0.468	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	151		mg/kg dry	2.34	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	16700		mg/kg dry	29.3	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	1410	M-CCV	mg/kg dry	0.586	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1, B				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	2030		mg/kg dry	5.86	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	300	M-CCV	mg/kg dry	0.586	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	16.7	M-CCV	mg/kg dry	1.17	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	1200		mg/kg dry	5.86	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	4.56	M-CCV	mg/kg dry	2.93	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
			1				Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-4 10-12 20241008			York Sample ID: 24J0587-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 12:35 pm	10/09/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	679		mg/kg dry	58.6	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.93	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	23.1		mg/kg dry	1.17	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	363	M-CCV 1	mg/kg dry	2.92	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	6.92		mg/kg dry	0.0422	1	EPA 7473	10/12/2024 08:49	10/15/2024 16:59	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	71.1		%	0.100	1	SM 2540G	10/10/2024 07:10	10/10/2024 11:56	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-5 7-8 20241008			York Sample ID: 24J0587-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 1:15 pm	10/09/2024	

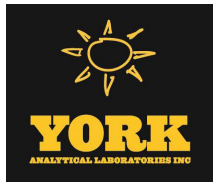
Volatile Organics, 8260 - Comprehensive

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	0.0047	0.0094	1	EPA 8260D	10/11/2024 11:53	10/11/2024 18:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	10/11/2024 11:53	10/11/2024 18:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	10/11/2024 11:53	10/11/2024 18:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		



Sample Information

Client Sample ID: SB-5 7-8 20241008

York Sample ID: 24J0587-05

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 1:15 pm

Date Received

10/09/2024

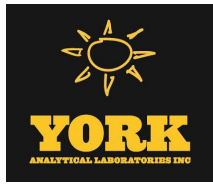
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.094	0.19	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
67-64-1	Acetone	0.010	ICVE, J	mg/kg dry	0.0094	0.019	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0094	0.019	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC



Sample Information

Client Sample ID: SB-5 7-8 20241008

York Sample ID: 24J0587-05

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 1:15 pm

Date Received

10/09/2024

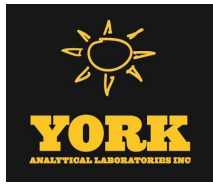
Volatile Organics, 8260 - Comprehensive

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
71-43-2	Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 18:39	BMC



Sample Information

Client Sample ID: SB-5 7-8 20241008

York Sample ID: 24J0587-05

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 1:15 pm

Date Received

10/09/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	0.013	J	mg/kg dry	0.0094	0.019	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 18:39	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	10/11/2024 11:53	10/11/2024 18:39	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.028	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 18:39	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %	76-130								

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

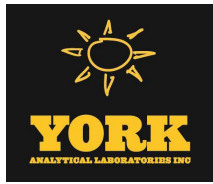
Sample Notes:

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

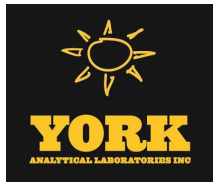
Client Sample ID: SB-5 7-8 20241008

York Sample ID: 24J0587-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0587	20230102	Soil	October 8, 2024 1:15 pm	10/09/2024

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
56-55-3	Benzo(a)anthracene	0.109	J	mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
50-32-8	Benzo(a)pyrene	0.0901	J	mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
205-99-2	Benzo(b)fluoranthene	0.0901	J	mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
207-08-9	Benzo(k)fluoranthene	0.0585	J	mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
218-01-9	Chrysene	0.0957	J	mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
206-44-0	Fluoranthene	0.181		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
85-01-8	Phenanthrene	0.157		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
108-95-2	Phenol	ND		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
129-00-0	Pyrene	0.154		mg/kg dry	0.0582	0.116	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 17:15	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	78.4 %	20-108								



Sample Information

Client Sample ID: SB-5 7-8 20241008

York Sample ID: 24J0587-05

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 1:15 pm

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	Surrogate: SURR: Phenol-d6	76.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	97.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	91.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.5 %			24-116						

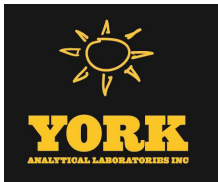
Metals, Target Analyte

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	7570		mg/kg dry	5.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-38-2	Arsenic	14.7		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-39-3	Barium	208	M-CCV 1	mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-41-7	Beryllium	0.750	M-CCV 1	mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-43-9	Cadmium	0.426	M-CCV 1	mg/kg dry	0.351	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-70-2	Calcium	8550		mg/kg dry	5.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-47-3	Chromium	13.1	M-CCV 1	mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-48-4	Cobalt	23.4	M-CCV 1	mg/kg dry	0.467	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-50-8	Copper	56.0		mg/kg dry	2.34	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7439-89-6	Iron	18100		mg/kg dry	29.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7439-92-1	Lead	2230	M-CCV 1, B	mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7439-95-4	Magnesium	518		mg/kg dry	5.85	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7439-96-5	Manganese	194	M-CCV 1	mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-02-0	Nickel	31.6	M-CCV 1	mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-09-7	Potassium	923		mg/kg dry	5.85	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:21	AGNR



Sample Information

Client Sample ID: SB-5 7-8 20241008			York Sample ID: 24J0587-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 1:15 pm	10/09/2024	

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
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-23-5	Sodium	387		mg/kg dry	58.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-62-2	Vanadium	32.0		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:21	AGNR
7440-66-6	Zinc	379	M-CCV 1	mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:21	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.36		mg/kg dry	0.0421	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	10/12/2024 08:49	10/15/2024 16:59	DRS

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	71.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/10/2024 07:10	10/10/2024 11:56	SMM

Sample Information

Client Sample ID: SB-6 1.5-3 20241008			York Sample ID: 24J0587-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 2:45 pm	10/09/2024	

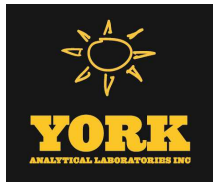
Volatile Organics, 8260 - Comprehensive

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	0.0027	0.0053	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:04	BMC



Sample Information

Client Sample ID: SB-6 1.5-3 20241008

York Sample ID: 24J0587-06

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 2:45 pm

Date Received

10/09/2024

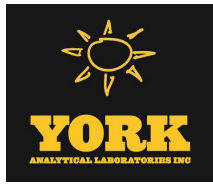
Volatile Organics, 8260 - Comprehensive

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC



Sample Information

Client Sample ID: SB-6 1.5-3 20241008

York Sample ID: 24J0587-06

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 2:45 pm

Date Received

10/09/2024

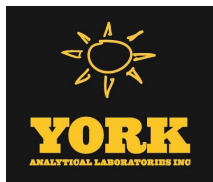
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC



Sample Information

Client Sample ID: SB-6 1.5-3 20241008

York Sample ID: 24J0587-06

York Project (SDG) No.
24J0587

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 8, 2024 2:45 pm

Date Received
10/09/2024

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:04	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								



Sample Information

Client Sample ID: SB-6 1.5-3 20241008

York Sample ID: 24J0587-06

York Project (SDG) No.
24J0587

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 8, 2024 2:45 pm

Date Received
10/09/2024

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
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			76-130						

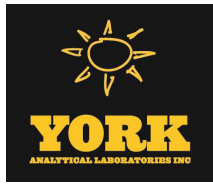
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
120-12-7	Anthracene	0.0622	J	mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
56-55-3	Benzo(a)anthracene	0.313		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
50-32-8	Benzo(a)pyrene	0.318		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
205-99-2	Benzo(b)fluoranthene	0.265		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
191-24-2	Benzo(g,h,i)perylene	0.184		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
207-08-9	Benzo(k)fluoranthene	0.259		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
218-01-9	Chrysene	0.330		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
206-44-0	Fluoranthene	0.640		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/15/2024 08:45	10/16/2024 17:46	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
193-39-5	Indeno(1,2,3-cd)pyrene	0.190		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 17:46	SS



Sample Information

Client Sample ID: SB-6 1.5-3 20241008

York Sample ID: 24J0587-06

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24J0587	20230102	Soil	October 8, 2024 2:45 pm	10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	0.371		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 17:46	SS
108-95-2	Phenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 17:46	SS
129-00-0	Pyrene	0.705		mg/kg dry	0.0500	0.0998	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 17:46	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	69.2 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	68.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	84.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	76.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.2 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.3 %	24-116								

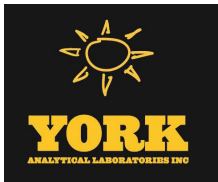
Metals, Target Analyte

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	12300		mg/kg dry	5.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-38-2	Arsenic	7.87		mg/kg dry	1.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-39-3	Barium	81.8	M-CCV 1	mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-41-7	Beryllium	0.310	M-CCV 1	mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-43-9	Cadmium	0.426	M-CCV 1	mg/kg dry	0.303	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-70-2	Calcium	22700		mg/kg dry	5.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-47-3	Chromium	15.4	M-CCV 1	mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-48-4	Cobalt	7.89	M-CCV 1	mg/kg dry	0.404	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7440-50-8	Copper	37.8		mg/kg dry	2.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7439-89-6	Iron	19700		mg/kg dry	25.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR
7439-92-1	Lead	271	M-CCV 1, B	mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:26	AGNR



Sample Information

Client Sample ID: SB-6 1.5-3 20241008			York Sample ID: 24J0587-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 2:45 pm	10/09/2024	

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
7439-95-4	Magnesium	6790		mg/kg dry	5.06	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	285	M-CCV 1	mg/kg dry	0.506	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	20.2	M-CCV 1	mg/kg dry	1.01	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	2380		mg/kg dry	5.06	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	2.58	M-CCV 1	mg/kg dry	2.53	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.509	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	Sodium	220		mg/kg dry	50.5	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.53	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	24.2		mg/kg dry	1.01	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	Zinc	127	M-CCV 1	mg/kg dry	2.52	1	EPA 6010D	10/13/2024 10:08	10/14/2024 17:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.42		mg/kg dry	0.0364	1	EPA 7473	10/12/2024 08:49	10/15/2024 16:59	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

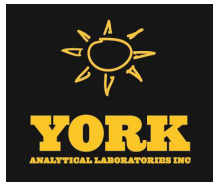
Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.5		%	0.100	1	SM 2540G	10/10/2024 07:10	10/10/2024 11:56	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-7 4-8 20241008			York Sample ID: 24J0587-07		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 3:30 pm	10/09/2024	



Sample Information

Client Sample ID: SB-7 4-8 20241008

York Sample ID: 24J0587-07

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 3:30 pm

Date Received

10/09/2024

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	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/11/2024 11:53	10/11/2024 19:29	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.095	0.19	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC



Sample Information

Client Sample ID: SB-7 4-8 20241008

York Sample ID: 24J0587-07

York Project (SDG) No.
24J0587

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 8, 2024 3:30 pm

Date Received
10/09/2024

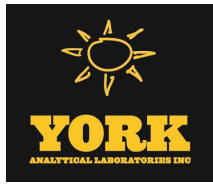
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.012	ICVE, J	mg/kg dry	0.0095	0.019	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0095	0.019	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:29	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:29	BMC



Sample Information

Client Sample ID: SB-7 4-8 20241008

York Sample ID: 24J0587-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24J0587

20230102

Soil

October 8, 2024 3:30 pm

10/09/2024

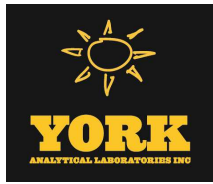
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.029	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 19:29	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %	77-125								



Sample Information

Client Sample ID: SB-7 4-8 20241008

York Sample ID: 24J0587-07

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 3:30 pm

Date Received

10/09/2024

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
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

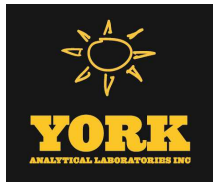
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
56-55-3	Benzo(a)anthracene	0.0738	J	mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
50-32-8	Benzo(a)pyrene	0.0722	J	mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
205-99-2	Benzo(b)fluoranthene	0.0705	J	mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
207-08-9	Benzo(k)fluoranthene	0.0604	J	mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
218-01-9	Chrysene	0.0864	J	mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
206-44-0	Fluoranthene	0.213		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/16/2024 18:17	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications:	10/15/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 18:17	SS



Sample Information

Client Sample ID: SB-7 4-8 20241008

York Sample ID: 24J0587-07

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 3:30 pm

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:17	SS
85-01-8	Phenanthrene	0.170		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:17	SS
108-95-2	Phenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:17	SS
129-00-0	Pyrene	0.190		mg/kg dry	0.0526	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:17	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.4 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	64.9 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	81.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.9 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	71.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.2 %	24-116								

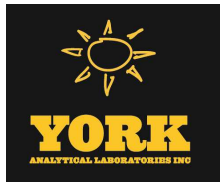
Metals, Target Analyte

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	5600		mg/kg dry	5.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-38-2	Arsenic	7.85		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-39-3	Barium	339	M-CCV 1	mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-41-7	Beryllium	0.386	M-CCV 1	mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-43-9	Cadmium	0.527	M-CCV 1	mg/kg dry	0.323	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-70-2	Calcium	80500		mg/kg dry	5.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-47-3	Chromium	23.9	M-CCV 1	mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-48-4	Cobalt	2.75	M-CCV 1	mg/kg dry	0.430	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-50-8	Copper	195		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR
7439-89-6	Iron	25600		mg/kg dry	26.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:29	AGNR



Sample Information

Client Sample ID: SB-7 4-8 20241008			York Sample ID: 24J0587-07		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 3:30 pm	10/09/2024	

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
7439-92-1	Lead	1780	M-CCV 1, B	mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7439-95-4	Magnesium	1260		mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7439-96-5	Manganese	380	M-CCV 1	mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-02-0	Nickel	11.2	M-CCV 1	mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-09-7	Potassium	628		mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7782-49-2	Selenium	3.62	M-CCV 1	mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-23-5	Sodium	932		mg/kg dry	53.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-62-2	Vanadium	16.4		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR
7440-66-6	Zinc	364	M-CCV 1	mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:29	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.34		mg/kg dry	0.0388	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	10/12/2024 08:49	10/15/2024 16:59	DRS

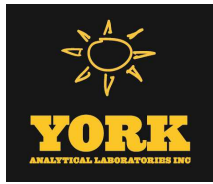
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/10/2024 07:15	10/10/2024 12:02	SMM



Sample Information

Client Sample ID: SB-8 6-8 20241008

York Sample ID: 24J0587-08

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 4:15 pm

Date Received

10/09/2024

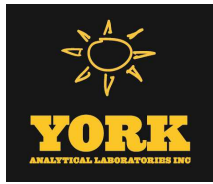
Volatile Organics, 8260 - Comprehensive

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 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/11/2024 11:53	10/11/2024 19:55	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
78-93-3	2-Butanone	0.019		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC



Sample Information

Client Sample ID: SB-8 6-8 20241008

York Sample ID: 24J0587-08

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 4:15 pm

Date Received

10/09/2024

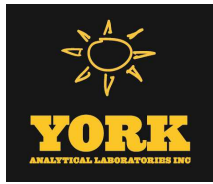
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.062	ICVE	mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
110-82-7	Cyclohexane	0.020		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
98-82-8	Isopropylbenzene	0.063		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC



Sample Information

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October 8, 2024 4:15 pm

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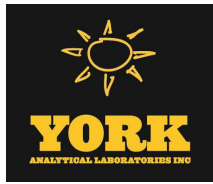
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
108-87-2	Methylcyclohexane	0.082		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
104-51-8	n-Butylbenzene	0.069		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
103-65-1	n-Propylbenzene	0.079		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
135-98-8	sec-Butylbenzene	0.11		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 11:53	10/11/2024 19:55	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	10/11/2024 11:53	10/11/2024 19:55	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 11:53	10/11/2024 19:55	BMC
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-8 6-8 20241008

York Sample ID: 24J0587-08

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 4:15 pm

Date Received

10/09/2024

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.6 %			76-130						

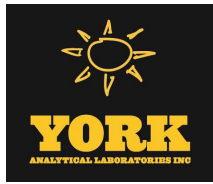
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
83-32-9	Acenaphthene	0.186		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 18:47	SS
208-96-8	Acenaphthylene	0.131		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 18:47	SS
120-12-7	Anthracene	0.138		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 18:47	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
132-64-9	Dibenzofuran	0.268		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 18:47	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
86-73-7	Fluorene	0.556		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/15/2024 08:45	10/16/2024 18:47	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 18:47	SS



Sample Information

Client Sample ID: SB-8 6-8 20241008			York Sample ID: 24J0587-08		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 4:15 pm	10/09/2024	

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	0.0690	J	mg/kg dry	0.0527	0.105	2	EPA 8270E	10/15/2024 08:45	10/16/2024 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0527	0.105	2	EPA 8270E	10/15/2024 08:45	10/16/2024 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	1.21		mg/kg dry	0.0527	0.105	2	EPA 8270E	10/15/2024 08:45	10/16/2024 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E	10/15/2024 08:45	10/16/2024 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0527	0.105	2	EPA 8270E	10/15/2024 08:45	10/16/2024 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.7 %		20-108							
13127-88-3	Surrogate: SURR: Phenol-d6	61.2 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	91.0 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.2 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	62.3 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	60.0 %		24-116							

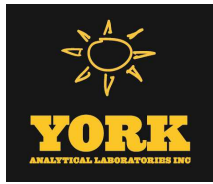
Polychlorinated Biphenyls (PCB)-8082

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	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
11104-28-2	Aroclor 1221		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
11141-16-5	Aroclor 1232		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
53469-21-9	Aroclor 1242		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
12672-29-6	Aroclor 1248		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
11097-69-1	Aroclor 1254		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
11096-82-5	Aroclor 1260		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 18:42	NF
1336-36-3	* Total PCBs		ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	10/15/2024 08:40	10/15/2024 18:42	NF
Surrogate Recoveries			Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene		58.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl		37.0 %	30-140							



Sample Information

Client Sample ID: SB-8 6-8 20241008

York Sample ID: 24J0587-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0587	20230102	Soil	October 8, 2024 4:15 pm	10/09/2024

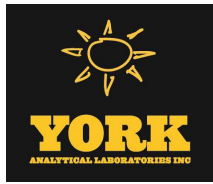
Metals, Target Analyte

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	16400		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-38-2	Arsenic	5.08		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-39-3	Barium	73.6	M-CCV 1	mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-41-7	Beryllium	0.467	M-CCV 1	mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.318	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-70-2	Calcium	3910		mg/kg dry	5.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-47-3	Chromium	15.7	M-CCV 1	mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-48-4	Cobalt	5.92	M-CCV 1	mg/kg dry	0.423	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-50-8	Copper	19.1		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7439-89-6	Iron	13900		mg/kg dry	26.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7439-92-1	Lead	39.9	M-CCV 1, B	mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7439-95-4	Magnesium	2360		mg/kg dry	5.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7439-96-5	Manganese	240	M-CCV 1	mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-02-0	Nickel	14.1	M-CCV 1	mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-09-7	Potassium	1680		mg/kg dry	5.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-23-5	Sodium	753		mg/kg dry	52.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-62-2	Vanadium	23.3		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR
7440-66-6	Zinc	59.3	M-CCV 1	mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:34	AGNR



Sample Information

Client Sample ID: SB-8 6-8 20241008

York Sample ID: 24J0587-08

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 4:15 pm

Date Received

10/09/2024

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	0.900		mg/kg dry	0.0381	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	10/12/2024 08:49	10/15/2024 16:59	DRS

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	78.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/10/2024 07:15	10/10/2024 12:02	SMM

Sample Information

Client Sample ID: SB-9 7-8 20241008

York Sample ID: 24J0587-09

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 5:00 pm

Date Received

10/09/2024

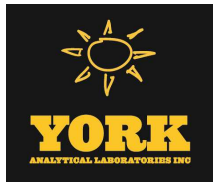
Volatile Organics, 8260 - Comprehensive

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	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 07:14	10/14/2024 15:04	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 07:14	10/14/2024 15:04	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	10/14/2024 07:14	10/14/2024 15:04	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 07:14	10/14/2024 15:04	BMC



Sample Information

Client Sample ID: SB-9 7-8 20241008

York Sample ID: 24J0587-09

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 5:00 pm

Date Received

10/09/2024

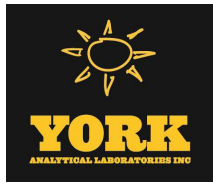
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.044	0.087	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
78-93-3	2-Butanone	0.0043	J	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
67-64-1	Acetone	0.016	ICVE	mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-13-1	Acrylonitrile	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-9 7-8 20241008

York Sample ID: 24J0587-09

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 5:00 pm

Date Received

10/09/2024

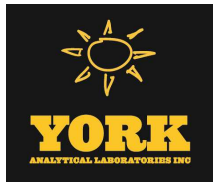
Volatile Organics, 8260 - Comprehensive

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
135-98-8	sec-Butylbenzene	0.016		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC



Sample Information

Client Sample ID: SB-9 7-8 20241008

York Sample ID: 24J0587-09

York Project (SDG) No.

24J0587

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 8, 2024 5:00 pm

Date Received

10/09/2024

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
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	10/14/2024 07:14	10/14/2024 15:04	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	77.8 %	76-130								

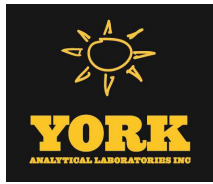
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 19:17	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 19:17	SS
83-32-9	Acenaphthene	0.0879	J	mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 19:17	SS
208-96-8	Acenaphthylene	0.0718	J	mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 19:17	SS
120-12-7	Anthracene	0.114		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications:	10/15/2024 08:45	10/16/2024 19:17	SS



Sample Information

Client Sample ID: SB-9 7-8 20241008			York Sample ID: 24J0587-09		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 5:00 pm	10/09/2024	

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

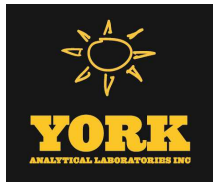
Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
86-73-7	Fluorene	0.207		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/15/2024 08:45	10/16/2024 19:17	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
85-01-8	Phenanthrene	0.377		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 19:17	SS
108-95-2	Phenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 19:17	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.0 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	53.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	50.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	50.9 %	24-116								

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-9 7-8 20241008			York Sample ID: 24J0587-09		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 5:00 pm	10/09/2024	

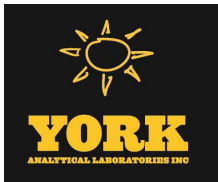
Sample Prepared by Method: EPA 3550C

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-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:40	10/15/2024 18:56	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0224	1	EPA 8082A Certifications:	10/15/2024 08:40	10/15/2024 18:56	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	42.0 %	30-140							

Metals, Target AnalyteLog-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	17300		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-38-2	Arsenic	9.51		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-39-3	Barium	127	M-CCV 1	mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-41-7	Beryllium	0.392	M-CCV 1	mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-43-9	Cadmium	0.462	M-CCV 1	mg/kg dry	0.337	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-70-2	Calcium	7100	M-CCV 1	mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-47-3	Chromium	20.2	M-CCV 1	mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-48-4	Cobalt	11.3	M-CCV 1	mg/kg dry	0.450	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-50-8	Copper	47.1		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR



Sample Information

Client Sample ID: SB-9 7-8 20241008			York Sample ID: 24J0587-09		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0587	20230102	Soil	October 8, 2024 5:00 pm	10/09/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	23100	M-CCV 1	mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7439-92-1	Lead	101	M-CCV 1, B	mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7439-95-4	Magnesium	4720	M-CCV 1	mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7439-96-5	Manganese	284	M-CCV 1	mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-02-0	Nickel	24.8	M-CCV 1	mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-09-7	Potassium	3720		mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7782-49-2	Selenium	3.88	M-CCV 1	mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.567	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-23-5	Sodium	492		mg/kg dry	56.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-62-2	Vanadium	34.3		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR
7440-66-6	Zinc	181	M-CCV 1	mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:48	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.15		mg/kg dry	0.0405	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	10/12/2024 08:49	10/15/2024 16:59	DRS

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	74.1		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/10/2024 07:15	10/10/2024 12:02	SMM



Analytical Batch Summary

Batch ID: BJ40634 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-01	SB-1 3-4 20241008	10/10/24
24J0587-03	SB-3 3-4 20241008	10/10/24

Batch ID: BJ40635 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-02	SB-2 3-4 20241008	10/10/24
24J0587-04	SB-4 10-12 20241008	10/10/24
24J0587-05	SB-5 7-8 20241008	10/10/24
24J0587-06	SB-6 1.5-3 20241008	10/10/24

Batch ID: BJ40636 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-07	SB-7 4-8 20241008	10/10/24
24J0587-08	SB-8 6-8 20241008	10/10/24
24J0587-09	SB-9 7-8 20241008	10/10/24

Batch ID: BJ40809 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-01	SB-1 3-4 20241008	10/12/24
24J0587-02	SB-2 3-4 20241008	10/12/24
24J0587-03	SB-3 3-4 20241008	10/12/24
24J0587-04	SB-4 10-12 20241008	10/12/24
24J0587-05	SB-5 7-8 20241008	10/12/24
24J0587-06	SB-6 1.5-3 20241008	10/12/24
24J0587-07	SB-7 4-8 20241008	10/12/24
24J0587-08	SB-8 6-8 20241008	10/12/24
24J0587-09	SB-9 7-8 20241008	10/12/24
BJ40809-BLK1	Blank	10/12/24
BJ40809-DUP1	Duplicate	10/12/24
BJ40809-MS1	Matrix Spike	10/12/24
BJ40809-SRM1	Reference	10/12/24

Batch ID: BJ40827 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-01	SB-1 3-4 20241008	10/13/24
24J0587-02	SB-2 3-4 20241008	10/13/24
24J0587-03	SB-3 3-4 20241008	10/13/24
24J0587-04	SB-4 10-12 20241008	10/13/24
24J0587-05	SB-5 7-8 20241008	10/13/24



24J0587-06	SB-6 1.5-3 20241008	10/13/24
24J0587-07	SB-7 4-8 20241008	10/13/24
24J0587-08	SB-8 6-8 20241008	10/13/24
24J0587-09	SB-9 7-8 20241008	10/13/24
BJ40827-BLK1	Blank	10/13/24
BJ40827-SRM1	Reference	10/13/24

Batch ID: BJ40846 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-05	SB-5 7-8 20241008	10/11/24
24J0587-06	SB-6 1.5-3 20241008	10/11/24
24J0587-07	SB-7 4-8 20241008	10/11/24
24J0587-08	SB-8 6-8 20241008	10/11/24
BJ40846-BLK1	Blank	10/11/24
BJ40846-BS1	LCS	10/11/24
BJ40846-BSD1	LCS Dup	10/11/24

Batch ID: BJ40848 **Preparation Method:** EPA 5035A **Prepared By:** BMC

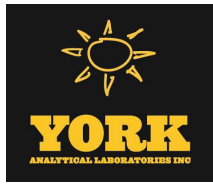
YORK Sample ID	Client Sample ID	Preparation Date
24J0587-09	SB-9 7-8 20241008	10/14/24
BJ40848-BLK1	Blank	10/14/24
BJ40848-BS1	LCS	10/14/24
BJ40848-BSD1	LCS Dup	10/14/24

Batch ID: BJ40956 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-04	SB-4 10-12 20241008	10/15/24
24J0587-08	SB-8 6-8 20241008	10/15/24
24J0587-09	SB-9 7-8 20241008	10/15/24
BJ40956-BLK2	Blank	10/15/24
BJ40956-BS2	LCS	10/15/24

Batch ID: BJ40959 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-01	SB-1 3-4 20241008	10/15/24
24J0587-02	SB-2 3-4 20241008	10/15/24
24J0587-03	SB-3 3-4 20241008	10/15/24
24J0587-04	SB-4 10-12 20241008	10/15/24
24J0587-04RE1	SB-4 10-12 20241008	10/15/24
24J0587-05	SB-5 7-8 20241008	10/15/24
24J0587-06	SB-6 1.5-3 20241008	10/15/24
24J0587-07	SB-7 4-8 20241008	10/15/24
24J0587-08	SB-8 6-8 20241008	10/15/24
24J0587-09	SB-9 7-8 20241008	10/15/24
BJ40959-BLK1	Blank	10/15/24



BJ40959-BS1 LCS 10/15/24

Batch ID: BJ40993 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0587-01	SB-1 3-4 20241008	10/10/24
24J0587-02	SB-2 3-4 20241008	10/10/24
24J0587-03	SB-3 3-4 20241008	10/10/24
24J0587-04	SB-4 10-12 20241008	10/10/24
BJ40993-BLK1	Blank	10/10/24
BJ40993-BS1	LCS	10/10/24
BJ40993-BSD1	LCS Dup	10/10/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

Blank (BJ40846-BLK1)

Prepared & Analyzed: 10/11/2024

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	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	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	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2-Butanone	ND	0.0050	"
2-Hexanone	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	"
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	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

Blank (BJ40846-BLK1)

Prepared & Analyzed: 10/11/2024

Methylene chloride	ND	0.010	mg/kg wet
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
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 Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	53.0	ug/L	50.0	106	77-125
Surrogate: SURR: Toluene-d8	51.2	"	50.0	102	85-120
Surrogate: SURR: p-Bromofluorobenzene	53.0	"	50.0	106	76-130

LCS (BJ40846-BS1)

Prepared & Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	52	ug/L	50.0	104	75-129	
1,1,1-Trichloroethane	49	"	50.0	97.7	71-137	
1,1,2,2-Tetrachloroethane	49	"	50.0	98.7	79-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45	"	50.0	90.7	58-146	
1,1,2-Trichloroethane	48	"	50.0	95.4	83-123	
1,1-Dichloroethane	44	"	50.0	87.8	75-130	
1,1-Dichloroethylene	47	"	50.0	94.2	64-137	
1,2,3-Trichlorobenzene	55	"	50.0	110	81-140	
1,2,3-Trichloropropane	51	"	50.0	101	81-126	
1,2,4-Trichlorobenzene	57	"	50.0	115	80-141	
1,2,4-Trimethylbenzene	52	"	50.0	104	84-125	
1,2-Dibromo-3-chloropropane	54	"	50.0	108	74-142	
1,2-Dibromoethane	49	"	50.0	98.1	86-123	
1,2-Dichlorobenzene	50	"	50.0	99.0	85-122	
1,2-Dichloroethane	48	"	50.0	95.1	71-133	
1,2-Dichloropropane	47	"	50.0	93.0	81-122	
1,3,5-Trimethylbenzene	51	"	50.0	102	82-126	
1,3-Dichlorobenzene	49	"	50.0	98.2	84-124	
1,4-Dichlorobenzene	49	"	50.0	98.4	84-124	
1,4-Dioxane	820	"	1050	77.9	10-228	
2-Butanone	41	"	50.0	81.9	58-147	
2-Hexanone	47	"	50.0	93.6	70-139	
4-Methyl-2-pentanone	35	"	50.0	70.7	72-132	Low Bias
Acetone	26	"	50.0	52.8	36-155	
Acrolein	2.9	"	50.0	5.76	10-238	Low Bias
Acrylonitrile	42	"	50.0	84.3	66-141	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

LCS (BJ40846-BS1)

Prepared & Analyzed: 10/11/2024

Benzene	44		ug/L	50.0		87.9	77-127				
Bromochloromethane	42		"	50.0		85.0	74-129				
Bromodichloromethane	51		"	50.0		101	81-124				
Bromoform	53		"	50.0		107	80-136				
Bromomethane	40		"	50.0		81.0	32-177				
Carbon disulfide	44		"	50.0		88.5	10-136				
Carbon tetrachloride	51		"	50.0		103	66-143				
Chlorobenzene	47		"	50.0		93.6	86-120				
Chloroethane	38		"	50.0		76.3	51-142				
Chloroform	46		"	50.0		91.6	76-131				
Chloromethane	31		"	50.0		62.0	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		90.7	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	44		"	50.0		87.1	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	46		"	50.0		92.0	83-124				
Dichlorodifluoromethane	31		"	50.0		62.0	28-158				
Ethyl Benzene	50		"	50.0		99.4	84-125				
Hexachlorobutadiene	59		"	50.0		117	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	39		"	50.0		78.8	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	74-131				
Methylcyclohexane	45		"	50.0		90.7	70-130				
Methylene chloride	41		"	50.0		81.7	57-141				
n-Butylbenzene	52		"	50.0		105	80-130				
n-Propylbenzene	50		"	50.0		101	74-136				
o-Xylene	49		"	50.0		98.5	83-123				
p- & m- Xylenes	97		"	100		96.9	82-128				
p-Isopropyltoluene	55		"	50.0		109	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	49		"	50.0		98.7	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	45		"	50.0		89.1	80-127				
Tetrachloroethylene	45		"	50.0		89.1	80-129				
Toluene	47		"	50.0		94.0	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.2	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		113	78-132				
trans-1,4-dichloro-2-butene	55		"	50.0		109	75-135				
Trichloroethylene	49		"	50.0		98.3	84-123				
Trichlorofluoromethane	41		"	50.0		81.8	62-140				
Vinyl Chloride	36		"	50.0		71.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	52.1		"	50.0		104	77-125				
Surrogate: SURR: Toluene-d8	51.4		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.6		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40846 - EPA 5035A											
LCS Dup (BJ40846-BSD1)						Prepared & Analyzed: 10/11/2024					
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		5.44	30	
1,1,1-Trichloroethane	51		"	50.0		103	71-137		4.99	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		104	79-129		4.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		94.7	58-146		4.25	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		4.97	30	
1,1-Dichloroethane	46		"	50.0		92.2	75-130		4.91	30	
1,1-Dichloroethylene	49		"	50.0		98.7	64-137		4.58	30	
1,2,3-Trichlorobenzene	60		"	50.0		119	81-140		7.71	30	
1,2,3-Trichloropropane	54		"	50.0		107	81-126		5.86	30	
1,2,4-Trichlorobenzene	59		"	50.0		119	80-141		3.20	30	
1,2,4-Trimethylbenzene	57		"	50.0		114	84-125		8.81	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		116	74-142		6.89	30	
1,2-Dibromoethane	52		"	50.0		104	86-123		6.03	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		8.23	30	
1,2-Dichloroethane	50		"	50.0		99.9	71-133		4.92	30	
1,2-Dichloropropane	49		"	50.0		97.7	81-122		4.91	30	
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126		7.76	30	
1,3-Dichlorobenzene	53		"	50.0		107	84-124		8.09	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		7.42	30	
1,4-Dioxane	850		"	1050		80.5	10-228		3.23	30	
2-Butanone	41		"	50.0		82.8	58-147		1.07	30	
2-Hexanone	48		"	50.0		96.4	70-139		2.93	30	
4-Methyl-2-pentanone	37		"	50.0		73.1	72-132		3.23	30	
Acetone	27		"	50.0		54.3	36-155		2.65	30	
Acrolein	3.1		"	50.0		6.14	10-238	Low Bias	6.39	30	
Acrylonitrile	44		"	50.0		88.3	66-141		4.57	30	
Benzene	46		"	50.0		91.1	77-127		3.66	30	
Bromochloromethane	45		"	50.0		89.6	74-129		5.29	30	
Bromodichloromethane	54		"	50.0		108	81-124		6.36	30	
Bromoform	56		"	50.0		113	80-136		5.05	30	
Bromomethane	44		"	50.0		87.3	32-177		7.51	30	
Carbon disulfide	46		"	50.0		92.8	10-136		4.66	30	
Carbon tetrachloride	54		"	50.0		108	66-143		4.47	30	
Chlorobenzene	49		"	50.0		97.8	86-120		4.41	30	
Chloroethane	39		"	50.0		78.7	51-142		3.12	30	
Chloroform	49		"	50.0		97.6	76-131		6.34	30	
Chloromethane	33		"	50.0		65.8	49-132		5.94	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.2	74-132		4.88	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129		5.47	30	
Cyclohexane	46		"	50.0		91.6	70-130		5.03	30	
Dibromochloromethane	53		"	50.0		107	10-200		4.39	30	
Dibromomethane	49		"	50.0		98.1	83-124		6.44	30	
Dichlorodifluoromethane	32		"	50.0		63.5	28-158		2.36	30	
Ethyl Benzene	53		"	50.0		106	84-125		6.05	30	
Hexachlorobutadiene	64		"	50.0		128	83-133		8.72	30	
Isopropylbenzene	55		"	50.0		110	81-127		6.38	30	
Methyl acetate	40		"	50.0		79.9	41-143		1.29	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		109	74-131		7.07	30	
Methylcyclohexane	48		"	50.0		95.9	70-130		5.60	30	
Methylene chloride	43		"	50.0		85.0	57-141		3.98	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

LCS Dup (BJ40846-BSD1)

Prepared & Analyzed: 10/11/2024

n-Butylbenzene	56		ug/L	50.0		112	80-130		6.99	30	
n-Propylbenzene	54		"	50.0		108	74-136		7.10	30	
o-Xylene	52		"	50.0		104	83-123		5.78	30	
p- & m- Xylenes	100		"	100		103	82-128		5.99	30	
p-Isopropyltoluene	59		"	50.0		117	85-125		6.99	30	
sec-Butylbenzene	56		"	50.0		112	83-125		7.67	30	
Styrene	52		"	50.0		105	86-126		5.86	30	
tert-Butyl alcohol (TBA)	270		"	250		109	70-130		0.272	30	
tert-Butylbenzene	49		"	50.0		97.6	80-127		9.17	30	
Tetrachloroethylene	47		"	50.0		94.9	80-129		6.26	30	
Toluene	50		"	50.0		99.3	85-121		5.51	30	
trans-1,2-Dichloroethylene	47		"	50.0		93.8	72-132		5.01	30	
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132		4.80	30	
trans-1,4-dichloro-2-butene	57		"	50.0		115	75-135		5.23	30	
Trichloroethylene	51		"	50.0		103	84-123		4.30	30	
Trichlorofluoromethane	42		"	50.0		84.6	62-140		3.39	30	
Vinyl Chloride	37		"	50.0		74.1	52-130		3.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	51.7		"	50.0		103	77-125				
Surrogate: SURR: Toluene-d8	51.7		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.6		"	50.0		107	76-130				

Batch BJ40848 - EPA 5035A

Blank (BJ40848-BLK1)

Prepared & Analyzed: 10/14/2024

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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40848 - EPA 5035A

Blank (BJ40848-BLK1)

Prepared & Analyzed: 10/14/2024

Bromochloromethane	ND	0.0050	mg/kg wet								
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	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	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-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
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 Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	53.9		ug/L	50.0		108	77-125				
Surrogate: SURR: Toluene-d8	49.7		"	50.0		99.4	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.8		"	50.0		102	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40848 - EPA 5035A											
LCS (BJ40848-BS1)						Prepared & Analyzed: 10/14/2024					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	50		"	50.0		100	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		94.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		89.8	58-146				
1,1,2-Trichloroethane	47		"	50.0		93.4	83-123				
1,1-Dichloroethane	43		"	50.0		85.5	75-130				
1,1-Dichloroethylene	45		"	50.0		90.7	64-137				
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140				
1,2,3-Trichloropropane	50		"	50.0		99.8	81-126				
1,2,4-Trichlorobenzene	57		"	50.0		114	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	74-142				
1,2-Dibromoethane	49		"	50.0		97.1	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.7	85-122				
1,2-Dichloroethane	48		"	50.0		96.2	71-133				
1,2-Dichloropropane	44		"	50.0		87.0	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		99.3	82-126				
1,3-Dichlorobenzene	49		"	50.0		97.4	84-124				
1,4-Dichlorobenzene	48		"	50.0		96.5	84-124				
1,4-Dioxane	700		"	1050		66.9	10-228				
2-Butanone	40		"	50.0		79.1	58-147				
2-Hexanone	43		"	50.0		86.8	70-139				
4-Methyl-2-pentanone	32		"	50.0		64.1	72-132	Low Bias			
Acetone	25		"	50.0		49.6	36-155				
Acrolein	2.6		"	50.0		5.16	10-238	Low Bias			
Acrylonitrile	40		"	50.0		79.8	66-141				
Benzene	43		"	50.0		85.8	77-127				
Bromochloromethane	40		"	50.0		79.2	74-129				
Bromodichloromethane	50		"	50.0		99.5	81-124				
Bromoform	53		"	50.0		107	80-136				
Bromomethane	39		"	50.0		78.6	32-177				
Carbon disulfide	42		"	50.0		84.9	10-136				
Carbon tetrachloride	53		"	50.0		106	66-143				
Chlorobenzene	46		"	50.0		91.3	86-120				
Chloroethane	34		"	50.0		67.6	51-142				
Chloroform	48		"	50.0		95.0	76-131				
Chloromethane	27		"	50.0		53.2	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		89.9	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.7	81-129				
Cyclohexane	41		"	50.0		82.8	70-130				
Dibromochloromethane	52		"	50.0		104	10-200				
Dibromomethane	46		"	50.0		91.1	83-124				
Dichlorodifluoromethane	27		"	50.0		54.3	28-158				
Ethyl Benzene	48		"	50.0		96.8	84-125				
Hexachlorobutadiene	60		"	50.0		119	83-133				
Isopropylbenzene	50		"	50.0		99.4	81-127				
Methyl acetate	36		"	50.0		71.9	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131				
Methylcyclohexane	44		"	50.0		87.6	70-130				
Methylene chloride	39		"	50.0		77.7	57-141				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40848 - EPA 5035A

LCS (BJ40848-BS1)

Prepared & Analyzed: 10/14/2024

n-Butylbenzene	50		ug/L	50.0		100	80-130				
n-Propylbenzene	49		"	50.0		97.1	74-136				
o-Xylene	48		"	50.0		97.0	83-123				
p- & m- Xylenes	95		"	100		95.3	82-128				
p-Isopropyltoluene	54		"	50.0		108	85-125				
sec-Butylbenzene	50		"	50.0		101	83-125				
Styrene	49		"	50.0		97.3	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	44		"	50.0		87.7	80-127				
Tetrachloroethylene	44		"	50.0		88.6	80-129				
Toluene	46		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		86.9	72-132				
trans-1,3-Dichloropropylene	54		"	50.0		108	78-132				
trans-1,4-dichloro-2-butene	52		"	50.0		104	75-135				
Trichloroethylene	48		"	50.0		96.9	84-123				
Trichlorofluoromethane	38		"	50.0		76.6	62-140				
Vinyl Chloride	32		"	50.0		63.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	53.4		"	50.0		107	77-125				
Surrogate: SURR: Toluene-d8	50.6		"	50.0		101	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.9		"	50.0		104	76-130				

LCS Dup (BJ40848-BS1)

Prepared & Analyzed: 10/14/2024

1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	75-129		3.38	30	
1,1,1-Trichloroethane	54		"	50.0		107	71-137		6.78	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.7	79-129		3.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.3	58-146		3.87	30	
1,1,2-Trichloroethane	49		"	50.0		98.8	83-123		5.58	30	
1,1-Dichloroethane	45		"	50.0		90.7	75-130		5.83	30	
1,1-Dichloroethylene	47		"	50.0		94.8	64-137		4.44	30	
1,2,3-Trichlorobenzene	57		"	50.0		115	81-140		4.56	30	
1,2,3-Trichloropropane	53		"	50.0		105	81-126		5.25	30	
1,2,4-Trichlorobenzene	59		"	50.0		119	80-141		4.35	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125		3.49	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		111	74-142		3.18	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		5.04	30	
1,2-Dichlorobenzene	50		"	50.0		101	85-122		5.31	30	
1,2-Dichloroethane	51		"	50.0		101	71-133		4.95	30	
1,2-Dichloropropane	46		"	50.0		91.5	81-122		5.02	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126		3.68	30	
1,3-Dichlorobenzene	50		"	50.0		101	84-124		3.33	30	
1,4-Dichlorobenzene	51		"	50.0		101	84-124		5.01	30	
1,4-Dioxane	680		"	1050		64.5	10-228		3.68	30	
2-Butanone	41		"	50.0		83.0	58-147		4.74	30	
2-Hexanone	45		"	50.0		91.0	70-139		4.63	30	
4-Methyl-2-pentanone	35		"	50.0		69.1	72-132	Low Bias	7.50	30	
Acetone	25		"	50.0		49.1	36-155		0.933	30	
Acrolein	2.7		"	50.0		5.32	10-238	Low Bias	3.05	30	
Acrylonitrile	42		"	50.0		84.0	66-141		5.15	30	
Benzene	45		"	50.0		90.7	77-127		5.55	30	
Bromochloromethane	42		"	50.0		83.7	74-129		5.45	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40848 - EPA 5035A

LCS Dup (BJ40848-BSD1)

Prepared & Analyzed: 10/14/2024

Bromodichloromethane	53		ug/L	50.0		105	81-124		5.63	30	
Bromoform	57		"	50.0		114	80-136		6.66	30	
Bromomethane	43		"	50.0		85.8	32-177		8.73	30	
Carbon disulfide	44		"	50.0		88.2	10-136		3.81	30	
Carbon tetrachloride	55		"	50.0		110	66-143		4.13	30	
Chlorobenzene	48		"	50.0		96.4	86-120		5.48	30	
Chloroethane	37		"	50.0		73.0	51-142		7.68	30	
Chloroform	49		"	50.0		98.8	76-131		3.92	30	
Chloromethane	28		"	50.0		56.2	49-132		5.38	30	
cis-1,2-Dichloroethylene	47		"	50.0		93.3	74-132		3.78	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		5.17	30	
Cyclohexane	43		"	50.0		85.7	70-130		3.42	30	
Dibromochloromethane	55		"	50.0		109	10-200		5.41	30	
Dibromomethane	47		"	50.0		94.3	83-124		3.39	30	
Dichlorodifluoromethane	27		"	50.0		53.8	28-158		0.925	30	
Ethyl Benzene	51		"	50.0		102	84-125		5.35	30	
Hexachlorobutadiene	61		"	50.0		123	83-133		2.84	30	
Isopropylbenzene	52		"	50.0		104	81-127		4.39	30	
Methyl acetate	38		"	50.0		76.3	41-143		5.99	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131		4.81	30	
Methylcyclohexane	45		"	50.0		90.1	70-130		2.81	30	
Methylene chloride	41		"	50.0		81.4	57-141		4.60	30	
n-Butylbenzene	51		"	50.0		102	80-130		1.88	30	
n-Propylbenzene	50		"	50.0		100	74-136		3.34	30	
o-Xylene	50		"	50.0		101	83-123		3.94	30	
p- & m- Xylenes	100		"	100		100	82-128		4.98	30	
p-Isopropyltoluene	56		"	50.0		111	85-125		3.17	30	
sec-Butylbenzene	52		"	50.0		105	83-125		3.92	30	
Styrene	51		"	50.0		102	86-126		4.54	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		7.34	30	
tert-Butylbenzene	47		"	50.0		93.1	80-127		6.00	30	
Tetrachloroethylene	47		"	50.0		94.8	80-129		6.76	30	
Toluene	47		"	50.0		94.8	85-121		3.81	30	
trans-1,2-Dichloroethylene	45		"	50.0		89.6	72-132		3.04	30	
trans-1,3-Dichloropropylene	57		"	50.0		115	78-132		6.21	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		3.62	30	
Trichloroethylene	51		"	50.0		102	84-123		4.75	30	
Trichlorofluoromethane	40		"	50.0		79.9	62-140		4.29	30	
Vinyl Chloride	32		"	50.0		64.6	52-130		2.25	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	53.5		"	50.0		107	77-125				
Surrogate: SURR: Toluene-d8	51.0		"	50.0		102	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. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit							RPD	Limit	Flag

Batch BJ40993 - EPA 5035A

Blank (BJ40993-BLK1)

Prepared: 10/10/2024 Analyzed: 10/11/2024

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	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	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	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2-Butanone	ND	0.0050	"
2-Hexanone	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	"
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	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40993 - EPA 5035A

Blank (BJ40993-BLK1)

Prepared: 10/10/2024 Analyzed: 10/11/2024

n-Butylbenzene	ND	0.0050	mg/kg wet
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
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 Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURRE: 1,2-Dichloroethane-d4	50.4	ug/L	50.0	101	77-125
Surrogate: SURRE: Toluene-d8	51.0	"	50.0	102	85-120
Surrogate: SURRE: p-Bromofluorobenzene	51.6	"	50.0	103	76-130

LCS (BJ40993-BS1)

Prepared: 10/10/2024 Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	48	ug/L	50.0	96.7	75-129
1,1,1-Trichloroethane	44	"	50.0	88.8	71-137
1,1,2,2-Tetrachloroethane	51	"	50.0	103	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44	"	50.0	87.9	58-146
1,1,2-Trichloroethane	47	"	50.0	94.5	83-123
1,1-Dichloroethane	45	"	50.0	89.6	75-130
1,1-Dichloroethylene	46	"	50.0	92.9	64-137
1,2,3-Trichlorobenzene	52	"	50.0	104	81-140
1,2,3-Trichloropropane	49	"	50.0	97.9	81-126
1,2,4-Trichlorobenzene	56	"	50.0	113	80-141
1,2,4-Trimethylbenzene	52	"	50.0	104	84-125
1,2-Dibromo-3-chloropropane	54	"	50.0	108	74-142
1,2-Dibromoethane	47	"	50.0	94.9	86-123
1,2-Dichlorobenzene	50	"	50.0	100	85-122
1,2-Dichloroethane	45	"	50.0	90.1	71-133
1,2-Dichloropropane	50	"	50.0	99.6	81-122
1,3,5-Trimethylbenzene	51	"	50.0	102	82-126
1,3-Dichlorobenzene	49	"	50.0	98.6	84-124
1,4-Dichlorobenzene	49	"	50.0	98.0	84-124
1,4-Dioxane	830	"	1050	79.5	10-228
2-Butanone	41	"	50.0	82.2	58-147
2-Hexanone	52	"	50.0	104	70-139
4-Methyl-2-pentanone	39	"	50.0	77.9	72-132
Acetone	28	"	50.0	55.3	36-155
Acrolein	3.5	"	50.0	7.08	10-238
Acrylonitrile	46	"	50.0	92.1	66-141
Benzene	45	"	50.0	89.8	77-127

Low Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40993 - EPA 5035A

LCS (BJ40993-BS1)

Prepared: 10/10/2024 Analyzed: 10/11/2024

Bromochloromethane	46		ug/L	50.0		92.5	74-129				
Bromodichloromethane	49		"	50.0		97.6	81-124				
Bromoform	48		"	50.0		95.7	80-136				
Bromomethane	40		"	50.0		79.5	32-177				
Carbon disulfide	45		"	50.0		89.3	10-136				
Carbon tetrachloride	43		"	50.0		86.2	66-143				
Chlorobenzene	47		"	50.0		93.2	86-120				
Chloroethane	39		"	50.0		77.9	51-142				
Chloroform	44		"	50.0		88.0	76-131				
Chloromethane	41		"	50.0		81.3	49-132				
cis-1,2-Dichloroethylene	46		"	50.0		92.3	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		103	81-129				
Cyclohexane	47		"	50.0		93.2	70-130				
Dibromochloromethane	48		"	50.0		96.1	10-200				
Dibromomethane	45		"	50.0		90.6	83-124				
Dichlorodifluoromethane	30		"	50.0		59.6	28-158				
Ethyl Benzene	50		"	50.0		99.2	84-125				
Hexachlorobutadiene	57		"	50.0		113	83-133				
Isopropylbenzene	52		"	50.0		104	81-127				
Methyl acetate	43		"	50.0		85.4	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131				
Methylcyclohexane	47		"	50.0		93.1	70-130				
Methylene chloride	45		"	50.0		89.0	57-141				
n-Butylbenzene	53		"	50.0		105	80-130				
n-Propylbenzene	51		"	50.0		103	74-136				
o-Xylene	49		"	50.0		97.5	83-123				
p- & m- Xylenes	98		"	100		97.6	82-128				
p-Isopropyltoluene	54		"	50.0		109	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	51		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	44		"	50.0		88.9	80-127				
Tetrachloroethylene	42		"	50.0		84.4	80-129				
Toluene	48		"	50.0		96.6	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		91.6	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132				
trans-1,4-dichloro-2-butene	54		"	50.0		109	75-135				
Trichloroethylene	48		"	50.0		96.6	84-123				
Trichlorofluoromethane	38		"	50.0		76.4	62-140				
Vinyl Chloride	42		"	50.0		83.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.9		"	50.0		97.9	77-125				
Surrogate: SURR: Toluene-d8	51.6		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.5		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40993 - EPA 5035A											
LCS Dup (BJ40993-BSD1)						Prepared: 10/10/2024 Analyzed: 10/11/2024					
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.9	75-129		2.25	30	
1,1,1-Trichloroethane	44		"	50.0		87.6	71-137		1.38	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129		0.485	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		85.5	58-146		2.79	30	
1,1,2-Trichloroethane	48		"	50.0		95.4	83-123		0.927	30	
1,1-Dichloroethane	45		"	50.0		90.0	75-130		0.379	30	
1,1-Dichloroethylene	47		"	50.0		93.5	64-137		0.622	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	81-140		0.938	30	
1,2,3-Trichloropropane	49		"	50.0		98.9	81-126		0.935	30	
1,2,4-Trichlorobenzene	55		"	50.0		110	80-141		2.83	30	
1,2,4-Trimethylbenzene	52		"	50.0		105	84-125		0.669	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		107	74-142		0.465	30	
1,2-Dibromoethane	48		"	50.0		96.5	86-123		1.69	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		1.68	30	
1,2-Dichloroethane	45		"	50.0		90.4	71-133		0.332	30	
1,2-Dichloropropane	51		"	50.0		102	81-122		2.44	30	
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126		1.17	30	
1,3-Dichlorobenzene	51		"	50.0		101	84-124		2.56	30	
1,4-Dichlorobenzene	50		"	50.0		99.9	84-124		1.88	30	
1,4-Dioxane	800		"	1050		76.5	10-228		3.83	30	
2-Butanone	41		"	50.0		82.9	58-147		0.848	30	
2-Hexanone	52		"	50.0		104	70-139		0.0771	30	
4-Methyl-2-pentanone	39		"	50.0		78.3	72-132		0.486	30	
Acetone	27		"	50.0		54.5	36-155		1.42	30	
Acrolein	2.5		"	50.0		5.04	10-238	Low Bias	33.7	30	Non-dir.
Acrylonitrile	46		"	50.0		92.1	66-141		0.0652	30	
Benzene	46		"	50.0		91.6	77-127		1.98	30	
Bromochloromethane	47		"	50.0		93.8	74-129		1.42	30	
Bromodichloromethane	49		"	50.0		98.5	81-124		0.897	30	
Bromoform	49		"	50.0		97.8	80-136		2.19	30	
Bromomethane	42		"	50.0		83.5	32-177		4.88	30	
Carbon disulfide	45		"	50.0		89.6	10-136		0.313	30	
Carbon tetrachloride	45		"	50.0		89.4	66-143		3.65	30	
Chlorobenzene	48		"	50.0		95.8	86-120		2.73	30	
Chloroethane	40		"	50.0		80.4	51-142		3.13	30	
Chloroform	44		"	50.0		88.6	76-131		0.702	30	
Chloromethane	40		"	50.0		79.3	49-132		2.44	30	
cis-1,2-Dichloroethylene	46		"	50.0		91.6	74-132		0.848	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		1.45	30	
Cyclohexane	46		"	50.0		93.0	70-130		0.215	30	
Dibromochloromethane	48		"	50.0		96.1	10-200		0.0416	30	
Dibromomethane	46		"	50.0		91.5	83-124		1.03	30	
Dichlorodifluoromethane	28		"	50.0		56.8	28-158		4.81	30	
Ethyl Benzene	50		"	50.0		101	84-125		1.28	30	
Hexachlorobutadiene	53		"	50.0		105	83-133		7.35	30	
Isopropylbenzene	52		"	50.0		104	81-127		0.173	30	
Methyl acetate	43		"	50.0		86.0	41-143		0.723	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131		0.490	30	
Methyleyclohexane	47		"	50.0		93.5	70-130		0.386	30	
Methylene chloride	45		"	50.0		90.0	57-141		1.12	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40993 - EPA 5035A

LCS Dup (BJ40993-BSD1)

Prepared: 10/10/2024 Analyzed: 10/11/2024

n-Butylbenzene	53		ug/L	50.0		107	80-130		1.58	30
n-Propylbenzene	52		"	50.0		104	74-136		1.08	30
o-Xylene	50		"	50.0		100	83-123		2.97	30
p- & m- Xylenes	98		"	100		97.8	82-128		0.123	30
p-Isopropyltoluene	55		"	50.0		109	85-125		0.734	30
sec-Butylbenzene	52		"	50.0		104	83-125		0.384	30
Styrene	52		"	50.0		104	86-126		1.56	30
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		0.464	30
tert-Butylbenzene	46		"	50.0		91.0	80-127		2.33	30
Tetrachloroethylene	43		"	50.0		85.5	80-129		1.27	30
Toluene	49		"	50.0		97.3	85-121		0.702	30
trans-1,2-Dichloroethylene	46		"	50.0		92.7	72-132		1.15	30
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132		0.0728	30
trans-1,4-dichloro-2-butene	55		"	50.0		111	75-135		1.44	30
Trichloroethylene	49		"	50.0		98.6	84-123		2.01	30
Trichlorofluoromethane	39		"	50.0		77.4	62-140		1.35	30
Vinyl Chloride	41		"	50.0		82.3	52-130		1.85	30
Surrogate: SURR: 1,2-Dichloroethane-d4	48.4		"	50.0		96.8	77-125			
Surrogate: SURR: Toluene-d8	51.6		"	50.0		103	85-120			
Surrogate: SURR: p-Bromofluorobenzene	51.4		"	50.0		103	76-130			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40959 - EPA 3550C

Blank (BJ40959-BLK1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
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	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	1.66		"	1.66		99.9	20-108				
Surrogate: SURR: Phenol-d6	1.53		"	1.66		92.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.880		"	0.831		106	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.844		"	0.831		102	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.63		"	1.66		98.2	19-110				
Surrogate: SURR: Terphenyl-d14	0.980		"	0.831		118	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40959 - EPA 3550C

LCS (BJ40959-BS1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	0.932	0.0416	mg/kg wet	1.25		74.8	10-146				
3- & 4-Methylphenols	0.822	0.0416	"	1.25		66.0	20-109				
Acenaphthene	0.856	0.0416	"	1.25		68.7	17-124				
Acenaphthylene	0.910	0.0416	"	1.25		73.1	16-124				
Anthracene	0.918	0.0416	"	1.25		73.7	24-124				
Benzo(a)anthracene	0.918	0.0416	"	1.25		73.7	25-134				
Benzo(a)pyrene	0.800	0.0416	"	1.25		64.2	29-144				
Benzo(b)fluoranthene	0.864	0.0416	"	1.25		69.4	20-151				
Benzo(g,h,i)perylene	0.941	0.0416	"	1.25		75.5	10-153				
Benzo(k)fluoranthene	0.828	0.0416	"	1.25		66.5	10-148				
Chrysene	0.911	0.0416	"	1.25		73.1	24-116				
Dibenzo(a,h)anthracene	0.904	0.0416	"	1.25		72.6	17-147				
Dibenzofuran	0.884	0.0416	"	1.25		71.0	23-123				
Fluoranthene	0.852	0.0416	"	1.25		68.4	36-125				
Fluorene	0.881	0.0416	"	1.25		70.7	16-130				
Hexachlorobenzene	0.944	0.0416	"	1.25		75.8	10-129				
Indeno(1,2,3-cd)pyrene	1.09	0.0416	"	1.25		87.3	10-155				
Naphthalene	0.934	0.0416	"	1.25		75.0	20-121				
Pentachlorophenol	0.921	0.0416	"	1.25		73.9	10-143				
Phenanthrene	0.899	0.0416	"	1.25		72.2	24-123				
Phenol	1.02	0.0416	"	1.25		81.7	15-123				
Pyrene	0.953	0.0416	"	1.25		76.5	24-132				
Surrogate: SURR: 2-Fluorophenol	1.88		"	1.66		113	20-108				
Surrogate: SURR: Phenol-d6	1.78		"	1.66		107	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.986		"	0.831		119	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.943		"	0.831		114	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.93		"	1.66		116	19-110				
Surrogate: SURR: Terphenyl-d14	0.995		"	0.831		120	24-116				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40956 - EPA 3550C

Blank (BJ40956-BLK2)

Prepared & Analyzed: 10/15/2024

Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								

Surrogate: Tetrachloro-m-xylene	0.0643		"	0.0667		96.5	30-140				
Surrogate: Decachlorobiphenyl	0.0400		"	0.0667		60.0	30-140				

LCS (BJ40956-BS2)

Prepared & Analyzed: 10/15/2024

Aroclor 1016	0.302	0.0166	mg/kg wet	0.332		90.9	40-130				
Aroclor 1260	0.301	0.0166	"	0.332		90.6	40-130				
Surrogate: Tetrachloro-m-xylene	0.0542		"	0.0664		81.5	30-140				
Surrogate: Decachlorobiphenyl	0.0379		"	0.0664		57.0	30-140				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40827 - EPA 3050B

Blank (BJ40827-BLK1)

Prepared: 10/13/2024 Analyzed: 10/14/2024

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	0.587	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Reference (BJ40827-SRM1)

Prepared: 10/13/2024 Analyzed: 10/14/2024

Aluminum	7060	4.17	mg/kg wet	7680	92.0	35.7-119
Antimony	73.1	2.08	"	244	29.9	0-99.5
Arsenic	266	1.25	"	283	94.0	69.9-101.4
Barium	326	2.08	"	326	99.9	73.9-107.1
Beryllium	163	0.042	"	175	93.0	75.4-107.4
Cadmium	91.1	0.250	"	95.8	95.1	72.3-103.7
Calcium	5500	4.17	"	5470	101	79.5-113.2
Chromium	246	0.417	"	239	103	72.4-106.3
Cobalt	154	0.333	"	150	103	76-107.3
Copper	235	1.67	"	217	108	74.7-105.1 High Bias
Iron	6760	20.8	"	7360	91.8	53-127.9
Lead	207	0.417	"	210	98.4	75.7-109.5
Magnesium	1920	4.17	"	2080	92.5	67.3-111.1
Manganese	311	0.417	"	290	107	73.4-108.3
Nickel	326	0.830	"	329	99.0	74.5-106.7
Potassium	2300	4.17	"	2330	98.7	60.9-111.6
Selenium	294	2.08	"	281	105	77.6-116.7
Silver	80.8	0.420	"	82.7	97.7	73.7-111.7
Sodium	493	41.7	"	427	115	71.2-118.7
Thallium	108	2.08	"	123	88.0	70.2-104.8
Vanadium	187	0.830	"	192	97.5	68.8-107.8
Zinc	253	2.08	"	260	97.3	72.7-109.2



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40809 - EPA 7473 soil											
Blank (BJ40809-BLK1)											
						Prepared: 10/12/2024 Analyzed: 10/15/2024					
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ40809-DUP1)											
*Source sample: 24J0587-01 (SB-1 3-4 20241008)						Prepared: 10/12/2024 Analyzed: 10/15/2024					
Mercury	0.481	0.0367	mg/kg dry		0.238				67.5	35	Non-dir.
Matrix Spike (BJ40809-MS1)											
*Source sample: 24J0587-01 (SB-1 3-4 20241008)						Prepared: 10/12/2024 Analyzed: 10/15/2024					
Mercury	0.664		mg/kg	0.500	0.194	93.9	75-125				
Reference (BJ40809-SRM1)											
						Prepared: 10/12/2024 Analyzed: 10/15/2024					
Mercury	20.784		mg/kg	18.2		114	59.9-140.1				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0587-01	SB-1 3-4 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-02	SB-2 3-4 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-03	SB-3 3-4 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-04	SB-4 10-12 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-05	SB-5 7-8 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-06	SB-6 1.5-3 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-07	SB-7 4-8 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-08	SB-8 6-8 20241008	40mL Vial with Stir Bar-Cool 4° C
24J0587-09	SB-9 7-8 20241008	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal 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.

102 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

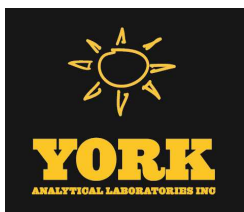
Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time	
Company: PVE ENGINEERING	Company: SAME	CT	PA	NY	NJ	CT	PA	RUSH - Next Day	
Address: 48 SPRINGSIDE AVE.	Address: SAME							RUSH - Two Day	
Phone: 845-454-2544	Phone: 845-454-2544							RUSH - Three Day	
Contact: A. SPADAVECCHIA	Contact: TARA ALVARADO							RUSH - Four Day	
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM							RUSH - Five Day	
								Standard (6-9 Day)	
								PFAS Standard 7-10 Day	

Matrix Codes		Preservative		Report Type (circle)	
S - soil/solid/sludge	(please list number of containers)			QA Report	
GW - groundwater				Summary (Results Only)	
DW - drinking water				NY ASP B Package	
SW - surface water				NJ Reduced	
WW - wastewater				NJ DKQP	
O - Oil				NJ Full	
Other				CT RCP	

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio.)	Trizma	Ammonium Acetate	Other:	G/C	Grab or Comp.
SB-1 3-4 20241008	10-8-24	1045	S												
SB-2 3-4 20241008		1215	S												
SB-3 3-4 20241008		1115	S												
SB-4 10-12 20241008		1235	S												
SB-5 7-8 20241008		1315	S												
SB-6 15-3 20241008		1445	S												
SB-7 4-8 20241008		1530	S												
SB-8 6-8 20241008		1615	S												
SB-9 7-8 20241008		1700	S												

Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N	
		Custody Seals: ☒ Y ☒ N	Containers Intact: ☒ Y ☒ N
		COC Completed: ☒ Y ☒ N	COC Labels Agree: ☒ Y ☒ N
		Cooler Temperature Confirmed: ☒ Y ☒ N	Appropriate Sample Volumes: ☒ Y ☒ N
		Samples Submitted within Holding Time: ☒ Y ☒ N	
		Corrective Action Form Required: ☒ Y ☒ N	

1. Samples Relinquished by / Company		2. Samples Relinquished by / Company	
Anthony J. Spadavecchia	10-8-24 8:10	Quinn C	10-9-24 15:10
3. Samples Received by / Company		3. Samples Received by / Company	
4. Samples Relinquished by / Company		4. Samples Received in LAB by	
		Manavaro 10/9/24 15:10	



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 10/17/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0611

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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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: 10/17/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0611

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

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 October 09, 2024 and listed below. The project was identified as your project: **20230102**.

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>
24J0611-01	SB-10 4.5-6 20241009	Soil	10/09/2024	10/09/2024

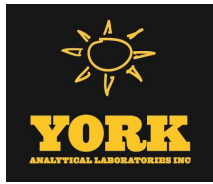
General Notes for York Project (SDG) No.: 24J0611

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 
Cassie L. Mosher
Laboratory Manager

Date: 10/17/2024





Sample Information

Client Sample ID: SB-10 4.5-6 20241009

York Sample ID: 24J0611-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24J0611

20230102

Soil

October 9, 2024 9:10 am

10/09/2024

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	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-10 4.5-6 20241009

York Sample ID: 24J0611-01

York Project (SDG) No.
24J0611

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 9, 2024 9:10 am

Date Received
10/09/2024

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
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC



Sample Information

Client Sample ID: SB-10 4.5-6 20241009

York Sample ID: 24J0611-01

York Project (SDG) No.
24J0611

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 9, 2024 9:10 am

Date Received
10/09/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D Certifications:	10/11/2024 11:53	10/11/2024 16:57	BMC

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-10 4.5-6 20241009

York Sample ID: 24J0611-01

York Project (SDG) No.
24J0611

Client Project ID
20230102

Matrix
Soil

Collection Date/Time
October 9, 2024 9:10 am

Date Received
10/09/2024

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

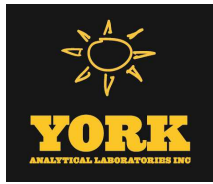
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
65794-96-9	3- & 4-Methylphenols	0.0747	J	mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
83-32-9	Acenaphthene	0.0506	J	mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
208-96-8	Acenaphthylene	0.641		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
120-12-7	Anthracene	1.13		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
56-55-3	Benzo(a)anthracene	8.21		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS
50-32-8	Benzo(a)pyrene	6.84		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS
205-99-2	Benzo(b)fluoranthene	5.46		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS
191-24-2	Benzo(g,h,i)perylene	2.90		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
207-08-9	Benzo(k)fluoranthene	5.80		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS
218-01-9	Chrysene	7.70		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS
53-70-3	Dibenzo(a,h)anthracene	0.651		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
132-64-9	Dibenzofuran	0.0848	J	mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
206-44-0	Fluoranthene	13.8		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS
86-73-7	Fluorene	0.0989		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/15/2024 08:45	10/16/2024 14:44	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
193-39-5	Indeno(1,2,3-cd)pyrene	3.34		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/17/2024 12:30	SS



Sample Information

Client Sample ID: SB-10 4.5-6 20241009

York Sample ID: 24J0611-01

York Project (SDG) No.

24J0611

Client Project ID

20230102

Matrix

Soil

Collection Date/Time

October 9, 2024 9:10 am

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	0.110		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/16/2024 14:44	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
85-01-8	Phenanthrene	4.90		mg/kg dry	0.244	0.487	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 12:30	SS
108-95-2	Phenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:45	10/16/2024 14:44	SS
129-00-0	Pyrene	13.3		mg/kg dry	0.488	0.974	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:45	10/17/2024 14:31	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	73.8 %	20-108								
13127-88-3	Surrogate: SURR: Phenol-d6	75.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	88.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	80.3 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.5 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.0 %	24-116								

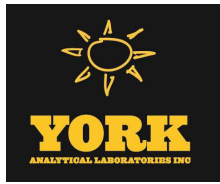
Metals, Target Analyte

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	15400		mg/kg dry	4.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-38-2	Arsenic	10.1		mg/kg dry	1.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-39-3	Barium	149	M-CCV 1	mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-41-7	Beryllium	0.352	M-CCV 1	mg/kg dry	0.050	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.298	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-70-2	Calcium	17900	M-CCV 1	mg/kg dry	4.96	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-47-3	Chromium	30.1	M-CCV 1	mg/kg dry	0.497	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-48-4	Cobalt	7.79	M-CCV 1	mg/kg dry	0.397	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-50-8	Copper	46.6		mg/kg dry	1.99	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR



Sample Information

Client Sample ID: SB-10 4.5-6 20241009			York Sample ID: 24J0611-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0611	20230102	Soil	October 9, 2024 9:10 am	10/09/2024	

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	19900	M-CCV 1	mg/kg dry	24.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7439-92-1	Lead	174	M-CCV 1, B	mg/kg dry	0.497	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7439-95-4	Magnesium	5080	M-CCV 1	mg/kg dry	4.97	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7439-96-5	Manganese	382	M-CCV 1	mg/kg dry	0.497	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-02-0	Nickel	19.2	M-CCV 1	mg/kg dry	0.988	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-09-7	Potassium	2440		mg/kg dry	4.97	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.500	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-23-5	Sodium	391		mg/kg dry	49.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-28-0	Thallium	ND		mg/kg dry	2.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-62-2	Vanadium	28.2		mg/kg dry	0.988	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR
7440-66-6	Zinc	105	M-CCV 1	mg/kg dry	2.47	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/13/2024 10:08	10/14/2024 17:56	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.36		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	10/12/2024 08:49	10/15/2024 16:59	DRS

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	84.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/10/2024 07:15	10/10/2024 12:02	SMM



Analytical Batch Summary

Batch ID: BJ40636 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0611-01	SB-10 4.5-6 20241009	10/10/24

Batch ID: BJ40809 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0611-01	SB-10 4.5-6 20241009	10/12/24
BJ40809-BLK1	Blank	10/12/24
BJ40809-SRM1	Reference	10/12/24

Batch ID: BJ40827 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0611-01	SB-10 4.5-6 20241009	10/13/24
BJ40827-BLK1	Blank	10/13/24
BJ40827-SRM1	Reference	10/13/24

Batch ID: BJ40846 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0611-01	SB-10 4.5-6 20241009	10/11/24
BJ40846-BLK1	Blank	10/11/24
BJ40846-BS1	LCS	10/11/24
BJ40846-BSD1	LCS Dup	10/11/24

Batch ID: BJ40959 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0611-01	SB-10 4.5-6 20241009	10/15/24
24J0611-01RE1	SB-10 4.5-6 20241009	10/15/24
24J0611-01RE2	SB-10 4.5-6 20241009	10/15/24
BJ40959-BLK1	Blank	10/15/24
BJ40959-BS1	LCS	10/15/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

Blank (BJ40846-BLK1)

Prepared & Analyzed: 10/11/2024

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	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	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	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2-Butanone	ND	0.0050	"
2-Hexanone	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	"
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	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

Blank (BJ40846-BLK1)

Prepared & Analyzed: 10/11/2024

Methylene chloride	ND	0.010	mg/kg wet
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
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 Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	53.0	ug/L	50.0	106	77-125
Surrogate: SURR: Toluene-d8	51.2	"	50.0	102	85-120
Surrogate: SURR: p-Bromofluorobenzene	53.0	"	50.0	106	76-130

LCS (BJ40846-BS1)

Prepared & Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	52	ug/L	50.0	104	75-129	
1,1,1-Trichloroethane	49	"	50.0	97.7	71-137	
1,1,2,2-Tetrachloroethane	49	"	50.0	98.7	79-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45	"	50.0	90.7	58-146	
1,1,2-Trichloroethane	48	"	50.0	95.4	83-123	
1,1-Dichloroethane	44	"	50.0	87.8	75-130	
1,1-Dichloroethylene	47	"	50.0	94.2	64-137	
1,2,3-Trichlorobenzene	55	"	50.0	110	81-140	
1,2,3-Trichloropropane	51	"	50.0	101	81-126	
1,2,4-Trichlorobenzene	57	"	50.0	115	80-141	
1,2,4-Trimethylbenzene	52	"	50.0	104	84-125	
1,2-Dibromo-3-chloropropane	54	"	50.0	108	74-142	
1,2-Dibromoethane	49	"	50.0	98.1	86-123	
1,2-Dichlorobenzene	50	"	50.0	99.0	85-122	
1,2-Dichloroethane	48	"	50.0	95.1	71-133	
1,2-Dichloropropane	47	"	50.0	93.0	81-122	
1,3,5-Trimethylbenzene	51	"	50.0	102	82-126	
1,3-Dichlorobenzene	49	"	50.0	98.2	84-124	
1,4-Dichlorobenzene	49	"	50.0	98.4	84-124	
1,4-Dioxane	820	"	1050	77.9	10-228	
2-Butanone	41	"	50.0	81.9	58-147	
2-Hexanone	47	"	50.0	93.6	70-139	
4-Methyl-2-pentanone	35	"	50.0	70.7	72-132	Low Bias
Acetone	26	"	50.0	52.8	36-155	
Acrolein	2.9	"	50.0	5.76	10-238	Low Bias
Acrylonitrile	42	"	50.0	84.3	66-141	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

LCS (BJ40846-BS1)

Prepared & Analyzed: 10/11/2024

Benzene	44		ug/L	50.0		87.9	77-127				
Bromochloromethane	42		"	50.0		85.0	74-129				
Bromodichloromethane	51		"	50.0		101	81-124				
Bromoform	53		"	50.0		107	80-136				
Bromomethane	40		"	50.0		81.0	32-177				
Carbon disulfide	44		"	50.0		88.5	10-136				
Carbon tetrachloride	51		"	50.0		103	66-143				
Chlorobenzene	47		"	50.0		93.6	86-120				
Chloroethane	38		"	50.0		76.3	51-142				
Chloroform	46		"	50.0		91.6	76-131				
Chloromethane	31		"	50.0		62.0	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		90.7	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	44		"	50.0		87.1	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	46		"	50.0		92.0	83-124				
Dichlorodifluoromethane	31		"	50.0		62.0	28-158				
Ethyl Benzene	50		"	50.0		99.4	84-125				
Hexachlorobutadiene	59		"	50.0		117	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	39		"	50.0		78.8	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	74-131				
Methylcyclohexane	45		"	50.0		90.7	70-130				
Methylene chloride	41		"	50.0		81.7	57-141				
n-Butylbenzene	52		"	50.0		105	80-130				
n-Propylbenzene	50		"	50.0		101	74-136				
o-Xylene	49		"	50.0		98.5	83-123				
p- & m- Xylenes	97		"	100		96.9	82-128				
p-Isopropyltoluene	55		"	50.0		109	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	49		"	50.0		98.7	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	45		"	50.0		89.1	80-127				
Tetrachloroethylene	45		"	50.0		89.1	80-129				
Toluene	47		"	50.0		94.0	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.2	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		113	78-132				
trans-1,4-dichloro-2-butene	55		"	50.0		109	75-135				
Trichloroethylene	49		"	50.0		98.3	84-123				
Trichlorofluoromethane	41		"	50.0		81.8	62-140				
Vinyl Chloride	36		"	50.0		71.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	52.1		"	50.0		104	77-125				
Surrogate: SURR: Toluene-d8	51.4		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.6		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40846 - EPA 5035A											
LCS Dup (BJ40846-BSD1)						Prepared & Analyzed: 10/11/2024					
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		5.44	30	
1,1,1-Trichloroethane	51		"	50.0		103	71-137		4.99	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		104	79-129		4.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		94.7	58-146		4.25	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		4.97	30	
1,1-Dichloroethane	46		"	50.0		92.2	75-130		4.91	30	
1,1-Dichloroethylene	49		"	50.0		98.7	64-137		4.58	30	
1,2,3-Trichlorobenzene	60		"	50.0		119	81-140		7.71	30	
1,2,3-Trichloropropane	54		"	50.0		107	81-126		5.86	30	
1,2,4-Trichlorobenzene	59		"	50.0		119	80-141		3.20	30	
1,2,4-Trimethylbenzene	57		"	50.0		114	84-125		8.81	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		116	74-142		6.89	30	
1,2-Dibromoethane	52		"	50.0		104	86-123		6.03	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		8.23	30	
1,2-Dichloroethane	50		"	50.0		99.9	71-133		4.92	30	
1,2-Dichloropropane	49		"	50.0		97.7	81-122		4.91	30	
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126		7.76	30	
1,3-Dichlorobenzene	53		"	50.0		107	84-124		8.09	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		7.42	30	
1,4-Dioxane	850		"	1050		80.5	10-228		3.23	30	
2-Butanone	41		"	50.0		82.8	58-147		1.07	30	
2-Hexanone	48		"	50.0		96.4	70-139		2.93	30	
4-Methyl-2-pentanone	37		"	50.0		73.1	72-132		3.23	30	
Acetone	27		"	50.0		54.3	36-155		2.65	30	
Acrolein	3.1		"	50.0		6.14	10-238	Low Bias	6.39	30	
Acrylonitrile	44		"	50.0		88.3	66-141		4.57	30	
Benzene	46		"	50.0		91.1	77-127		3.66	30	
Bromochloromethane	45		"	50.0		89.6	74-129		5.29	30	
Bromodichloromethane	54		"	50.0		108	81-124		6.36	30	
Bromoform	56		"	50.0		113	80-136		5.05	30	
Bromomethane	44		"	50.0		87.3	32-177		7.51	30	
Carbon disulfide	46		"	50.0		92.8	10-136		4.66	30	
Carbon tetrachloride	54		"	50.0		108	66-143		4.47	30	
Chlorobenzene	49		"	50.0		97.8	86-120		4.41	30	
Chloroethane	39		"	50.0		78.7	51-142		3.12	30	
Chloroform	49		"	50.0		97.6	76-131		6.34	30	
Chloromethane	33		"	50.0		65.8	49-132		5.94	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.2	74-132		4.88	30	
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129		5.47	30	
Cyclohexane	46		"	50.0		91.6	70-130		5.03	30	
Dibromochloromethane	53		"	50.0		107	10-200		4.39	30	
Dibromomethane	49		"	50.0		98.1	83-124		6.44	30	
Dichlorodifluoromethane	32		"	50.0		63.5	28-158		2.36	30	
Ethyl Benzene	53		"	50.0		106	84-125		6.05	30	
Hexachlorobutadiene	64		"	50.0		128	83-133		8.72	30	
Isopropylbenzene	55		"	50.0		110	81-127		6.38	30	
Methyl acetate	40		"	50.0		79.9	41-143		1.29	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		109	74-131		7.07	30	
Methylcyclohexane	48		"	50.0		95.9	70-130		5.60	30	
Methylene chloride	43		"	50.0		85.0	57-141		3.98	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40846 - EPA 5035A

LCS Dup (BJ40846-BSD1)

Prepared & Analyzed: 10/11/2024

n-Butylbenzene	56		ug/L	50.0		112	80-130		6.99	30	
n-Propylbenzene	54		"	50.0		108	74-136		7.10	30	
o-Xylene	52		"	50.0		104	83-123		5.78	30	
p- & m- Xylenes	100		"	100		103	82-128		5.99	30	
p-Isopropyltoluene	59		"	50.0		117	85-125		6.99	30	
sec-Butylbenzene	56		"	50.0		112	83-125		7.67	30	
Styrene	52		"	50.0		105	86-126		5.86	30	
tert-Butyl alcohol (TBA)	270		"	250		109	70-130		0.272	30	
tert-Butylbenzene	49		"	50.0		97.6	80-127		9.17	30	
Tetrachloroethylene	47		"	50.0		94.9	80-129		6.26	30	
Toluene	50		"	50.0		99.3	85-121		5.51	30	
trans-1,2-Dichloroethylene	47		"	50.0		93.8	72-132		5.01	30	
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132		4.80	30	
trans-1,4-dichloro-2-butene	57		"	50.0		115	75-135		5.23	30	
Trichloroethylene	51		"	50.0		103	84-123		4.30	30	
Trichlorofluoromethane	42		"	50.0		84.6	62-140		3.39	30	
Vinyl Chloride	37		"	50.0		74.1	52-130		3.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	51.7		"	50.0		103	77-125				
Surrogate: SURR: Toluene-d8	51.7		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.6		"	50.0		107	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40959 - EPA 3550C

Blank (BJ40959-BLK1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
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	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	1.66		"	1.66		99.9	20-108				
Surrogate: SURR: Phenol-d6	1.53		"	1.66		92.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.880		"	0.831		106	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.844		"	0.831		102	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.63		"	1.66		98.2	19-110				
Surrogate: SURR: Terphenyl-d14	0.980		"	0.831		118	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40959 - EPA 3550C

LCS (BJ40959-BS1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	0.932	0.0416	mg/kg wet	1.25		74.8	10-146				
3- & 4-Methylphenols	0.822	0.0416	"	1.25		66.0	20-109				
Acenaphthene	0.856	0.0416	"	1.25		68.7	17-124				
Acenaphthylene	0.910	0.0416	"	1.25		73.1	16-124				
Anthracene	0.918	0.0416	"	1.25		73.7	24-124				
Benzo(a)anthracene	0.918	0.0416	"	1.25		73.7	25-134				
Benzo(a)pyrene	0.800	0.0416	"	1.25		64.2	29-144				
Benzo(b)fluoranthene	0.864	0.0416	"	1.25		69.4	20-151				
Benzo(g,h,i)perylene	0.941	0.0416	"	1.25		75.5	10-153				
Benzo(k)fluoranthene	0.828	0.0416	"	1.25		66.5	10-148				
Chrysene	0.911	0.0416	"	1.25		73.1	24-116				
Dibenzo(a,h)anthracene	0.904	0.0416	"	1.25		72.6	17-147				
Dibenzofuran	0.884	0.0416	"	1.25		71.0	23-123				
Fluoranthene	0.852	0.0416	"	1.25		68.4	36-125				
Fluorene	0.881	0.0416	"	1.25		70.7	16-130				
Hexachlorobenzene	0.944	0.0416	"	1.25		75.8	10-129				
Indeno(1,2,3-cd)pyrene	1.09	0.0416	"	1.25		87.3	10-155				
Naphthalene	0.934	0.0416	"	1.25		75.0	20-121				
Pentachlorophenol	0.921	0.0416	"	1.25		73.9	10-143				
Phenanthrene	0.899	0.0416	"	1.25		72.2	24-123				
Phenol	1.02	0.0416	"	1.25		81.7	15-123				
Pyrene	0.953	0.0416	"	1.25		76.5	24-132				
Surrogate: SURR: 2-Fluorophenol	1.88		"	1.66		113	20-108				
Surrogate: SURR: Phenol-d6	1.78		"	1.66		107	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.986		"	0.831		119	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.943		"	0.831		114	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.93		"	1.66		116	19-110				
Surrogate: SURR: Terphenyl-d14	0.995		"	0.831		120	24-116				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40827 - EPA 3050B

Blank (BJ40827-BLK1)

Prepared: 10/13/2024 Analyzed: 10/14/2024

Aluminum	ND	4.17	mg/kg wet
Antimony	ND	2.08	"
Arsenic	ND	1.25	"
Barium	ND	2.08	"
Beryllium	ND	0.042	"
Cadmium	ND	0.250	"
Calcium	ND	4.17	"
Chromium	ND	0.417	"
Cobalt	ND	0.333	"
Copper	ND	1.67	"
Iron	ND	20.8	"
Lead	0.587	0.417	"
Magnesium	ND	4.17	"
Manganese	ND	0.417	"
Nickel	ND	0.830	"
Potassium	ND	4.17	"
Selenium	ND	2.08	"
Silver	ND	0.420	"
Sodium	ND	41.7	"
Thallium	ND	2.08	"
Vanadium	ND	0.830	"
Zinc	ND	2.08	"

Reference (BJ40827-SRM1)

Prepared: 10/13/2024 Analyzed: 10/14/2024

Aluminum	7060	4.17	mg/kg wet	7680	92.0	35.7-119
Antimony	73.1	2.08	"	244	29.9	0-99.5
Arsenic	266	1.25	"	283	94.0	69.9-101.4
Barium	326	2.08	"	326	99.9	73.9-107.1
Beryllium	163	0.042	"	175	93.0	75.4-107.4
Cadmium	91.1	0.250	"	95.8	95.1	72.3-103.7
Calcium	5500	4.17	"	5470	101	79.5-113.2
Chromium	246	0.417	"	239	103	72.4-106.3
Cobalt	154	0.333	"	150	103	76-107.3
Copper	235	1.67	"	217	108	74.7-105.1 High Bias
Iron	6760	20.8	"	7360	91.8	53-127.9
Lead	207	0.417	"	210	98.4	75.7-109.5
Magnesium	1920	4.17	"	2080	92.5	67.3-111.1
Manganese	311	0.417	"	290	107	73.4-108.3
Nickel	326	0.830	"	329	99.0	74.5-106.7
Potassium	2300	4.17	"	2330	98.7	60.9-111.6
Selenium	294	2.08	"	281	105	77.6-116.7
Silver	80.8	0.420	"	82.7	97.7	73.7-111.7
Sodium	493	41.7	"	427	115	71.2-118.7
Thallium	108	2.08	"	123	88.0	70.2-104.8
Vanadium	187	0.830	"	192	97.5	68.8-107.8
Zinc	253	2.08	"	260	97.3	72.7-109.2



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BJ40809 - EPA 7473 soil

Blank (BJ40809-BLK1)

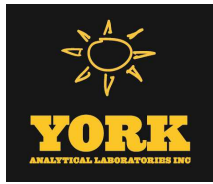
Prepared: 10/12/2024 Analyzed: 10/15/2024

Mercury ND 0.0300 mg/kg wet

Reference (BJ40809-SRM1)

Prepared: 10/12/2024 Analyzed: 10/15/2024

Mercury 20.784 mg/kg 18.2 114 59.9-140.1



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0611-01	SB-10 4.5-6 20241009	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.

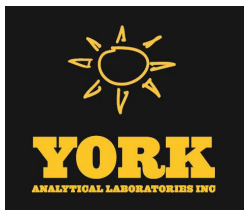


Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal 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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

Report To: Company: PVE ENGINEERING Address: 48 SPRINGSIDE AVE BOULDER, CO 80503 Phone: 845-454-2544 Contact: A. SPADAVECCIA E-mail: ASPADAVECCIA@PVE-LLC.COM TALVARADO@PVE-LLC.COM		Invoice To: Company: SAME Address: SAME Phone: SAME Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM		YOUR Project Name / Number 20230102 20230102		Samples Collected From NY X CT PA NJ Analyses Requested		Turn-Around Time RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day	
Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other		Preservative (please list number of containers)		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP		Report Type (circle) G/C Grab or Comp.		EDD Type (circle) EQUIS (standard) NYSDEC EQUIS NJDEP SRP Haz Site Standard Excel CMDP Other:	
Sample Identification SB-10 4.5-6 20241009		Date 10-09-24		Time 0910		Matrix 5		Regulatory Comparative Compared to the following Regulation(s): (please fill in)	
Comments:		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only)		Circle Y / N		Field Filtered		Lab Filtered	
1. Samples Relinquished by / Company		Custody Seals: X (N) Containers Intact: Y (N) COC/Labels Agreed: Y (N) Preservation Confirmed: Y (N)		COC Complete: Y (N) Appropriate Sample Volumes: Y (N) Appropriate Sample Containers: Y (N)		Cooler Temperature Confirmed: Y (N) Samples Submitted within Holding Times: Y (N) Corrective Action Form Required: Y (N)			
2. Samples Relinquished by / Company		Samples Received by / Company		Date/Time		Date/Time		Date/Time	
3. Samples Relinquished by / Company		Samples Received by / Company		Date/Time		Date/Time		Date/Time	
4. Samples Relinquished by / Company		Samples Received by / Company		Date/Time		Date/Time		Date/Time	



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 10/18/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0663

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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: 10/18/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0663

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

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 October 09, 2024 and listed below. The project was identified as your project: **20230102**.

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.

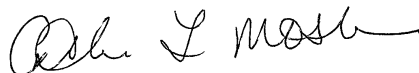
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24J0663-01	TMW-1 20241008	Ground Water	10/08/2024	10/09/2024

General Notes for York Project (SDG) No.: 24J0663

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

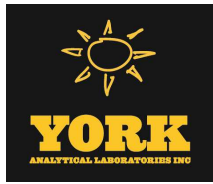
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 10/18/2024





Sample Information

Client Sample ID: TMW-1 20241008			York Sample ID: 24J0663-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0663	20230102	Ground Water	October 8, 2024 4:10 pm	10/09/2024	

Analyzed by: Phoenix Environmental Labs, Inc.

SW6010D					Log-in Notes:		Sample Notes:			
Sample Prepared by Method: SW3005A										
CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony (Dissolved)	ND		mg/L	0.005	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:03	CT007
7440-38-2	Arsenic (Dissolved)	0.005		mg/L	0.004	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:03	CT007
7440-41-7	Beryllium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:03	CT007
7440-43-9	Cadmium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:03	CT007
7782-49-2	Selenium (Dissolved)	ND		mg/L	0.011	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:03	CT007

SW7010					Log-in Notes:		Sample Notes:			
Sample Prepared by Method: SW3005A										
CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium (Dissolved)	ND		mg/L	0.002	1	SW7010 Certifications:	10/16/2024 00:00	10/17/2024 15:30	CT007

Volatile Organics, 8260 - Comprehensive					Log-in Notes:			Sample Notes:			
Sample Prepared by Method: EPA 5030B											
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 13:22	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 13:22	FO



Sample Information

Client Sample ID: TMW-1 20241008

York Sample ID: 24J0663-01

York Project (SDG) No.
24J0663

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 8, 2024 4:10 pm

Date Received
10/09/2024

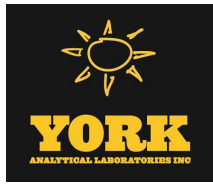
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 13:22	FO
95-63-6	1,2,4-Trimethylbenzene	7.0		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
108-67-8	1,3,5-Trimethylbenzene	3.4		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 13:22	FO
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
71-43-2	Benzene	39		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 13:22	FO
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO



Sample Information

Client Sample ID: TMW-1 20241008

York Sample ID: 24J0663-01

York Project (SDG) No.

24J0663

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 8, 2024 4:10 pm

Date Received

10/09/2024

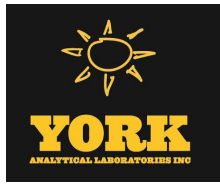
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
110-82-7	Cyclohexane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
100-41-4	Ethyl Benzene	2.8		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
108-87-2	Methylcyclohexane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
95-47-6	o-Xylene	11		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
179601-23-1	p- & m- Xylenes	16		ug/L	2.5	5.0	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 13:22	FO



Sample Information

Client Sample ID: TMW-1 20241008			York Sample ID: 24J0663-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0663	20230102	Ground Water	October 8, 2024 4:10 pm	10/09/2024	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
100-42-5	Styrene	3.6		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 13:22	FO
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
108-88-3	Toluene	26		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
1330-20-7	Xylenes, Total	28		ug/L	3.0	7.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 13:22	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.5 %	79-122								

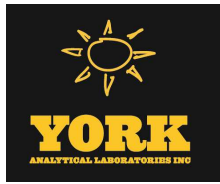
Semi-Volatiles, NYSDEC Part 375 List

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
95-48-7	2-Methylphenol	30.9		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/12/2024 07:47	10/15/2024 19:59	SS
65794-96-9	3- & 4-Methylphenols	67.2		ug/L	25.0	50.0	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/12/2024 07:47	10/15/2024 20:33	SS
83-32-9	Acenaphthene	1.81		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/12/2024 07:47	10/15/2024 19:59	SS
208-96-8	Acenaphthylene	4.26		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/12/2024 07:47	10/15/2024 19:59	SS



Sample Information

Client Sample ID: TMW-1 20241008		York Sample ID: 24J0663-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0663	20230102	Ground Water	October 8, 2024 4:10 pm	10/09/2024

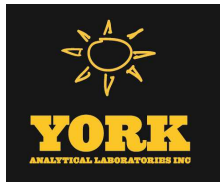
Semi-Volatiles, NYSDEC Part 375 List

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
120-12-7	Anthracene	1.78		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	Benzo(a)anthracene	0.770	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	0.820		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	0.860		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.440		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.860		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	0.940	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	4.60	J	ug/L	2.50	5.00	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	3.66		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	3.76		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
193-39-5	Indeno(1,2,3-cd)pyrene	0.440		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	112	CCVE	ug/L	0.500	0.500	10	EPA 8270E	10/12/2024 07:47	10/15/2024 20:33	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
85-01-8	Phenanthrene	10.2		ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	32.3		ug/L	2.50	5.00	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	Pyrene	2.55	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E	10/12/2024 07:47	10/15/2024 19:59	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	27.6 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	15.7 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	84.2 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.0 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	88.6 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.0 %	30.7-106								



Sample Information

Client Sample ID: TMW-1 20241008			York Sample ID: 24J0663-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0663	20230102	Ground Water	October 8, 2024 4:10 pm	10/09/2024	

Polychlorinated Biphenyls (PCB)-8082

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-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	10/15/2024 08:18	10/15/2024 15:23	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	10/15/2024 08:18	10/15/2024 15:23	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	55.0 %	30-120							

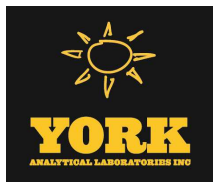
Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-39-3	Barium	0.309		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-70-2	Calcium	85.6		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-48-4	Cobalt	0.00589		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7439-89-6	Iron	16.7	M-CCV 1	mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7439-92-1	Lead	0.0106		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR
7439-95-4	Magnesium	7.57	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/14/2024 08:26	10/15/2024 19:54	AGNR



Sample Information

Client Sample ID: TMW-1 20241008

York Sample ID: 24J0663-01

York Project (SDG) No.
24J0663

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 8, 2024 4:10 pm

Date Received
10/09/2024

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	1.39		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-09-7	Potassium	5.18	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-23-5	Sodium	80.3		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR
7440-66-6	Zinc	0.564		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/14/2024 08:26	10/15/2024 19:54	AGNR

Mercury, Dissolved

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-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:41	10/15/2024 08:41	PFA



Analytical Batch Summary

Batch ID: 753970A

Preparation Method: SW3005A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/16/24

Batch ID: 753973A

Preparation Method: SW3005A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/16/24
CR87247-BLK	BLK	10/16/24
CR87247-LCS	LCS	10/16/24

Batch ID: BJ40746

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/11/24
BJ40746-BLK1	Blank	10/11/24
BJ40746-BS1	LCS	10/11/24
BJ40746-BSD1	LCS Dup	10/11/24

Batch ID: BJ40806

Preparation Method: EPA 3510C

Prepared By: GXB

YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/12/24
24J0663-01RE1	TMW-1 20241008	10/12/24
BJ40806-BLK1	Blank	10/12/24
BJ40806-BS1	LCS	10/12/24

Batch ID: BJ40861

Preparation Method: EPA 3015A

Prepared By: DBT

YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/14/24

Batch ID: BJ40864

Preparation Method: EPA 3015A

Prepared By: DBT

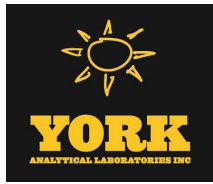
YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/14/24
BJ40864-BLK1	Blank	10/14/24
BJ40864-BS1	LCS	10/14/24

Batch ID: BJ40942

Preparation Method: EPA SW846-3510C Low Level

Prepared By: JM

YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/15/24



BJ40942-BLK2	Blank	10/15/24
BJ40942-BS2	LCS	10/15/24
BJ40942-BSD2	LCS Dup	10/15/24

Batch ID:	BJ40957	Preparation Method:	EPA SW846-7470A	Prepared By:	AJL
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YORK Sample ID	Client Sample ID	Preparation Date
24J0663-01	TMW-1 20241008	10/15/24
BJ40957-BLK1	Blank	10/15/24
BJ40957-BLK2	Blank	10/15/24
BJ40957-BS1	LCS	10/15/24
BJ40957-BS2	LCS	10/15/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40746 - EPA 5030B

Blank (BJ40746-BLK1)

Prepared & Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40746 - EPA 5030B

Blank (BJ40746-BLK1)

Prepared & Analyzed: 10/11/2024

Methylene chloride	ND	2.0	ug/L
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: SURR: 1,2-Dichloroethane-d4	10.3	"	10.0	103	69-130
Surrogate: SURR: Toluene-d8	9.80	"	10.0	98.0	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.97	"	10.0	99.7	79-122

LCS (BJ40746-BS1)

Prepared & Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	11	ug/L	10.0	109	82-126
1,1,1-Trichloroethane	11	"	10.0	108	78-136
1,1,2,2-Tetrachloroethane	12	"	10.0	118	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	"	10.0	101	54-165
1,1,2-Trichloroethane	11	"	10.0	110	82-123
1,1-Dichloroethane	11	"	10.0	106	82-129
1,1-Dichloroethylene	11	"	10.0	106	68-138
1,2,3-Trichlorobenzene	11	"	10.0	111	40-130
1,2,3-Trichloropropane	11	"	10.0	108	77-128
1,2,4-Trichlorobenzene	11	"	10.0	109	65-137
1,2,4-Trimethylbenzene	11	"	10.0	110	82-132
1,2-Dibromo-3-chloropropane	11	"	10.0	106	45-147
1,2-Dibromoethane	11	"	10.0	112	83-124
1,2-Dichlorobenzene	11	"	10.0	107	79-123
1,2-Dichloroethane	11	"	10.0	114	73-132
1,2-Dichloropropane	11	"	10.0	109	78-126
1,3,5-Trimethylbenzene	11	"	10.0	109	80-131
1,3-Dichlorobenzene	10	"	10.0	104	86-130
1,4-Dichlorobenzene	10	"	10.0	104	85-130
1,4-Dioxane	350	"	210	168	10-349
2-Butanone	9.0	"	10.0	90.3	49-152
2-Hexanone	10	"	10.0	102	51-146
4-Methyl-2-pentanone	11	"	10.0	110	57-145
Acetone	20	"	10.0	199	14-150
Acrolein	18	"	10.0	178	10-153
Acrylonitrile	11	"	10.0	112	51-150



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40746 - EPA 5030B

LCS (BJ40746-BS1)

Prepared & Analyzed: 10/11/2024

Benzene	11		ug/L	10.0		112	85-126				
Bromochloromethane	11		"	10.0		112	77-128				
Bromodichloromethane	11		"	10.0		112	79-128				
Bromoform	9.9		"	10.0		99.3	78-133				
Bromomethane	9.2		"	10.0		91.9	43-168				
Carbon disulfide	9.9		"	10.0		98.9	68-146				
Carbon tetrachloride	11		"	10.0		109	77-141				
Chlorobenzene	11		"	10.0		108	88-120				
Chloroethane	9.0		"	10.0		90.5	65-136				
Chloroform	11		"	10.0		108	82-128				
Chloromethane	8.3		"	10.0		82.9	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		111	80-131				
Cyclohexane	10		"	10.0		105	63-149				
Dibromochloromethane	11		"	10.0		113	80-130				
Dibromomethane	11		"	10.0		110	72-134				
Dichlorodifluoromethane	5.1		"	10.0		50.9	44-144				
Ethyl Benzene	11		"	10.0		111	80-131				
Hexachlorobutadiene	11		"	10.0		108	67-146				
Isopropylbenzene	11		"	10.0		106	76-140				
Methyl acetate	10		"	10.0		100	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		105	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	9.5		"	10.0		94.9	55-137				
n-Butylbenzene	11		"	10.0		110	79-132				
n-Propylbenzene	11		"	10.0		107	78-133				
o-Xylene	11		"	10.0		109	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
p-Isopropyltoluene	11		"	10.0		108	81-136				
sec-Butylbenzene	11		"	10.0		106	79-137				
Styrene	11		"	10.0		111	67-132				
tert-Butyl alcohol (TBA)	59		"	50.0		118	25-162				
tert-Butylbenzene	10		"	10.0		104	77-138				
Tetrachloroethylene	5.6		"	10.0		56.2	82-131	Low Bias			
Toluene	11		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		99.6	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	10		"	10.0		103	82-128				
Trichlorofluoromethane	9.6		"	10.0		96.2	67-139				
Vinyl Chloride	9.2		"	10.0		91.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.79		"	10.0		97.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.95		"	10.0		99.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40746 - EPA 5030B											
LCS Dup (BJ40746-BSD1)						Prepared & Analyzed: 10/11/2024					
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		112	82-126		2.89	30	
1,1,1-Trichloroethane	11		"	10.0		110	78-136		2.38	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		116	76-129		1.97	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		105	54-165		4.07	30	
1,1,2-Trichloroethane	11		"	10.0		113	82-123		2.86	30	
1,1-Dichloroethane	11		"	10.0		107	82-129		1.13	30	
1,1-Dichloroethylene	11		"	10.0		108	68-138		1.69	30	
1,2,3-Trichlorobenzene	11		"	10.0		115	40-130		3.54	30	
1,2,3-Trichloropropane	11		"	10.0		109	77-128		0.369	30	
1,2,4-Trichlorobenzene	11		"	10.0		111	65-137		1.99	30	
1,2,4-Trimethylbenzene	11		"	10.0		112	82-132		1.44	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		103	45-147		2.40	30	
1,2-Dibromoethane	11		"	10.0		113	83-124		0.445	30	
1,2-Dichlorobenzene	11		"	10.0		107	79-123		0.654	30	
1,2-Dichloroethane	12		"	10.0		115	73-132		0.698	30	
1,2-Dichloropropane	11		"	10.0		110	78-126		0.547	30	
1,3,5-Trimethylbenzene	11		"	10.0		112	80-131		2.63	30	
1,3-Dichlorobenzene	11		"	10.0		106	86-130		1.72	30	
1,4-Dichlorobenzene	11		"	10.0		105	85-130		0.954	30	
1,4-Dioxane	360		"	210		169	10-349		0.384	30	
2-Butanone	9.2		"	10.0		91.7	49-152		1.54	30	
2-Hexanone	10		"	10.0		103	51-146		1.08	30	
4-Methyl-2-pentanone	11		"	10.0		112	57-145		1.99	30	
Acetone	20		"	10.0		200	14-150	High Bias	0.601	30	
Acrolein	18		"	10.0		184	10-153	High Bias	3.76	30	
Acrylonitrile	11		"	10.0		112	51-150		0.268	30	
Benzene	11		"	10.0		114	85-126		1.77	30	
Bromochloromethane	11		"	10.0		113	77-128		0.624	30	
Bromodichloromethane	11		"	10.0		112	79-128		0.535	30	
Bromoform	10		"	10.0		101	78-133		1.40	30	
Bromomethane	11		"	10.0		112	43-168		19.9	30	
Carbon disulfide	10		"	10.0		100	68-146		1.51	30	
Carbon tetrachloride	11		"	10.0		113	77-141		3.69	30	
Chlorobenzene	11		"	10.0		110	88-120		1.83	30	
Chloroethane	9.5		"	10.0		94.6	65-136		4.43	30	
Chloroform	11		"	10.0		110	82-128		1.01	30	
Chloromethane	7.9		"	10.0		79.0	43-155		4.82	30	
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129		0.808	30	
cis-1,3-Dichloropropylene	11		"	10.0		111	80-131		0.541	30	
Cyclohexane	11		"	10.0		110	63-149		4.85	30	
Dibromochloromethane	12		"	10.0		115	80-130		1.84	30	
Dibromomethane	11		"	10.0		109	72-134		0.366	30	
Dichlorodifluoromethane	5.5		"	10.0		55.2	44-144		8.11	30	
Ethyl Benzene	11		"	10.0		114	80-131		2.67	30	
Hexachlorobutadiene	11		"	10.0		113	67-146		4.26	30	
Isopropylbenzene	11		"	10.0		109	76-140		2.51	30	
Methyl acetate	10		"	10.0		104	51-139		3.14	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		106	76-135		1.14	30	
Methylcyclohexane	11		"	10.0		110	72-143		5.63	30	
Methylene chloride	9.5		"	10.0		95.0	55-137		0.105	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40746 - EPA 5030B

LCS Dup (BJ40746-BSD1)

Prepared & Analyzed: 10/11/2024

n-Butylbenzene	11		ug/L	10.0		115	79-132		4.55	30
n-Propylbenzene	11		"	10.0		109	78-133		2.13	30
o-Xylene	11		"	10.0		112	78-130		2.53	30
p- & m- Xylenes	23		"	20.0		113	77-133		2.64	30
p-Isopropyltoluene	11		"	10.0		112	81-136		3.81	30
sec-Butylbenzene	11		"	10.0		111	79-137		4.06	30
Styrene	11		"	10.0		113	67-132		1.52	30
tert-Butyl alcohol (TBA)	61		"	50.0		122	25-162		3.16	30
tert-Butylbenzene	11		"	10.0		107	77-138		3.04	30
Tetrachloroethylene	5.8		"	10.0		57.6	82-131	Low Bias	2.46	30
Toluene	11		"	10.0		112	80-127		1.80	30
trans-1,2-Dichloroethylene	11		"	10.0		109	80-132		1.66	30
trans-1,3-Dichloropropylene	10		"	10.0		99.9	78-131		0.301	30
trans-1,4-dichloro-2-butene	11		"	10.0		108	63-141		0.929	30
Trichloroethylene	11		"	10.0		106	82-128		2.96	30
Trichlorofluoromethane	10		"	10.0		99.8	67-139		3.67	30
Vinyl Chloride	9.1		"	10.0		90.6	58-145		1.21	30
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130			
Surrogate: SURR: Toluene-d8	9.81		"	10.0		98.1	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.82		"	10.0		98.2	79-122			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40806 - EPA 3510C

Blank (BJ40806-BLK1)

Prepared: 10/12/2024 Analyzed: 10/15/2024

2-Methylphenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
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	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: 2-Fluorophenol	15.5		"	50.0		31.0	19.7-63.1				
Surrogate: SURR: Phenol-d6	6.09		"	50.0		12.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	21.8		"	25.0		87.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.3		"	25.0		65.2	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	55.7		"	50.0		111	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.9		"	25.0		83.7	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40806 - EPA 3510C

LCS (BJ40806-BS1)

Prepared: 10/12/2024 Analyzed: 10/15/2024

2-Methylphenol	10.6	5.00	ug/L	25.0		42.6	10-90				
3- & 4-Methylphenols	9.54	5.00	"	25.0		38.2	10-101				
Acenaphthene	13.8	0.0500	"	25.0		55.2	24-114				
Acenaphthylene	14.1	0.0500	"	25.0		56.6	26-112				
Anthracene	15.7	0.0500	"	25.0		62.7	35-114				
Benzo(a)anthracene	14.1	0.0500	"	25.0		56.5	38-127				
Benzo(a)pyrene	14.5	0.0500	"	25.0		58.1	30-146				
Benzo(b)fluoranthene	14.3	0.0500	"	25.0		57.2	36-145				
Benzo(g,h,i)perylene	17.3	0.0500	"	25.0		69.1	10-163				
Benzo(k)fluoranthene	14.3	0.0500	"	25.0		57.2	16-149				
Chrysene	14.8	0.0500	"	25.0		59.0	33-120				
Dibenzo(a,h)anthracene	17.1	0.0500	"	25.0		68.2	10-149				
Dibenzofuran	14.6	5.00	"	25.0		58.5	42-105				
Fluoranthene	15.5	0.0500	"	25.0		62.1	33-126				
Fluorene	14.9	0.0500	"	25.0		59.6	28-117				
Hexachlorobenzene	15.6	0.0200	"	25.0		62.4	27-120				
Indeno(1,2,3-cd)pyrene	17.3	0.0500	"	25.0		69.1	10-150				
Naphthalene	12.9	0.0500	"	25.0		51.5	30-99				
Pentachlorophenol	14.5	0.250	"	25.0		58.0	19-127				
Phenanthrene	15.3	0.0500	"	25.0		61.0	31-112				
Phenol	5.30	5.00	"	25.0		21.2	10-37				
Pyrene	13.5	0.0500	"	25.0		54.2	42-125				
Surrogate: SURR: 2-Fluorophenol	13.6		"	50.0		27.1	19.7-63.1				
Surrogate: SURR: Phenol-d6	7.43		"	50.0		14.9	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.6		"	25.0		70.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.2		"	25.0		56.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	48.2		"	50.0		96.5	39.3-151				
Surrogate: SURR: Terphenyl-d14	15.4		"	25.0		61.6	30.7-106				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40942 - EPA SW846-3510C Low Level											
Blank (BJ40942-BLK2)						Prepared & Analyzed: 10/15/2024					
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	0.119		"	0.200		59.5	30-120				
Surrogate: Decachlorobiphenyl	0.102		"	0.200		51.0	30-120				
LCS (BJ40942-BS2)						Prepared & Analyzed: 10/15/2024					
Aroclor 1016	0.734	0.0500	ug/L	1.00		73.4	40-120				
Aroclor 1260	0.768	0.0500	"	1.00		76.8	40-120				
Surrogate: Tetrachloro-m-xylene	0.124		"	0.200		62.0	30-120				
Surrogate: Decachlorobiphenyl	0.105		"	0.200		52.5	30-120				
LCS Dup (BJ40942-BSD2)						Prepared & Analyzed: 10/15/2024					
Aroclor 1016	0.688	0.0500	ug/L	1.00		68.8	40-120		6.50	30	
Aroclor 1260	0.753	0.0500	"	1.00		75.3	40-120		2.08	30	
Surrogate: Tetrachloro-m-xylene	0.120		"	0.200		60.0	30-120				
Surrogate: Decachlorobiphenyl	0.114		"	0.200		57.0	30-120				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40864 - EPA 3015A

Blank (BJ40864-BLK1)

Prepared: 10/14/2024 Analyzed: 10/15/2024

Aluminum - Dissolved	ND	0.0556	mg/L
Barium - Dissolved	ND	0.0278	"
Calcium - Dissolved	ND	0.0556	"
Chromium - Dissolved	ND	0.00556	"
Cobalt - Dissolved	ND	0.00444	"
Copper - Dissolved	ND	0.0222	"
Iron - Dissolved	ND	0.278	"
Lead - Dissolved	ND	0.00556	"
Magnesium - Dissolved	ND	0.0556	"
Manganese - Dissolved	ND	0.00556	"
Nickel - Dissolved	ND	0.0111	"
Potassium - Dissolved	ND	0.0556	"
Silver - Dissolved	ND	0.00556	"
Sodium - Dissolved	ND	0.556	"
Vanadium - Dissolved	ND	0.0111	"
Zinc - Dissolved	ND	0.0278	"

LCS (BJ40864-BS1)

Prepared: 10/14/2024 Analyzed: 10/15/2024

Aluminum - Dissolved	1.89	ug/mL	2.00	94.4	80-120
Barium - Dissolved	2.18	"	2.00	109	80-120
Calcium - Dissolved	1.05	"	1.00	105	80-120
Chromium - Dissolved	0.211	"	0.200	105	80-120
Cobalt - Dissolved	0.531	"	0.500	106	80-120
Copper - Dissolved	0.267	"	0.250	107	80-120
Iron - Dissolved	0.943	"	1.00	94.3	80-120
Lead - Dissolved	0.514	"	0.500	103	80-120
Magnesium - Dissolved	0.900	"	1.00	90.0	80-120
Manganese - Dissolved	0.540	"	0.500	108	80-120
Nickel - Dissolved	0.527	"	0.500	105	80-120
Potassium - Dissolved	0.925	"	1.00	92.5	80-120
Silver - Dissolved	0.0455	"	0.0500	91.1	80-120
Sodium - Dissolved	1.04	"	1.00	104	80-120
Vanadium - Dissolved	0.512	"	0.500	102	80-120
Zinc - Dissolved	0.511	"	0.500	102	80-120



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40957 - EPA SW846-7470A											
Blank (BJ40957-BLK1)											
								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	ND	0.0002	mg/L								
Blank (BJ40957-BLK2)											
								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BJ40957-BS1)											
								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200		96.0	80-120				
LCS (BJ40957-BS2)											
								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	0.0020	0.0002	mg/L	0.00200		98.1	80-120				



SW7010 - Quality Control Data
Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch 753973A - SW3005A

BLK (CR87247-BLK)

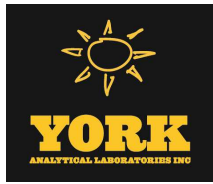
Prepared: 10/16/2024 Analyzed: 10/17/2024

Thallium (Dissolved)	BRL	0.002	mg/L			BRL	-				
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LCS (CR87247-LCS)

Prepared: 10/16/2024 Analyzed: 10/17/2024

Thallium (Dissolved)	104.0	0.002	mg/L	100		104	80-120			20	
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0663-01	TMW-1 20241008	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.
CCVE	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 legal 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.

120 Research Drive Stratford, CT 06615

132-02 89th Ave Queens, NY 11418

56 Church Hill Rd. #2 Newtown, CT 06470

2161 Whitesville Rd Toms River, NJ 08755

clientservices@yorklab.com

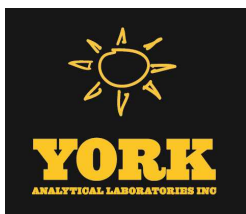
800-306-YORK

Report To: Company: PVE ENGINEERING Address: 48 SPRINGSIDE AVENUE ROUGHBROOK, NY 12603 Phone: 845-454-2544 Contact: A. SPADAVECCHIA E-mail: ASPADAVECCHIA@PVE-LLC.COM		Invoice To: Company: SAME Address: SAME Phone: TARA ALVARADO Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM		YOUR Project Name / Number 20230102		Samples Collected From NY ☒ CT ☐ NJ ☐ PA ☐		Turn-Around Time RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day	
Matrix Codes S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other		Preservative (please list number of containers) Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ S ₂ O ₃ (sodium thio.) Trizma Ammonium Acetate Other:		Analyses Requested • TAL METALS via 6010/7343 • PCBs via 8082 • PART 375 SVOCs via 8240 • TAL VOCs via 8260		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP Grab or Comp. G/C		EDD Type (circle) EQUIS (standard) NYSDEC EQUIS NJDEP SRP Haz Site Standard Excel CMDP Other:	
Sample Identification THW-1 20241008		Date 10-08-24		Time 1610		Matrix GW		Regulatory Comparative Compared to the following Regulation(s): (please fill in)	

Comments: SAMPLE WAS FIELD FILTERED FOR METALS

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y ☒ N ☐ Containers Intact: Y ☒ N ☐ COC Labels Agree: Y ☒ N ☐ Preservation Confirmed: Y ☒ N ☐
COC Completed: Y ☒ N ☐ Appropriate Sample Volumes: Y ☒ N ☐ Appropriate Sample Containers: Y ☒ N ☐
Cooler Temperature Confirmed: Y ☒ N ☐ Samples Submitted within Holding Times: Y ☒ N ☐ Corrective Action Form Required: Y ☒ N ☐

1. Samples Relinquished by / Company Date/Time: 10-09-24 / 8:10 Signature: [Signature]		2. Samples Relinquished by / Company Date/Time: 10-09-24 Signature: [Signature]	
3. Samples Received by / Company Date/Time: 10-09-24 / 8:10 Signature: [Signature]		3. Samples Received by / Company Date/Time: 10-09-24 Signature: [Signature]	
4. Samples Relinquished by / Company Date/Time: 10-09-24 / 8:10 Signature: [Signature]		4. Samples Received by / Company Date/Time: 10-09-24 Signature: [Signature]	



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 10/18/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0608

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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: 10/18/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0608

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

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 October 09, 2024 and listed below. The project was identified as your project: **20230102**.

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>
24J0608-01	TMW-2 20241009	Ground Water	10/09/2024	10/09/2024
24J0608-02	TMW-3 20241009	Ground Water	10/09/2024	10/09/2024
24J0608-03	TMW-4 20241009	Ground Water	10/09/2024	10/09/2024

General Notes for York Project (SDG) No.: 24J0608

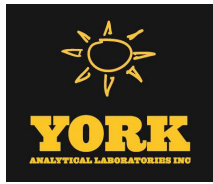
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 10/18/2024





Sample Information

Client Sample ID: TMW-2 20241009

York Sample ID: 24J0608-01

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 8:40 am

Date Received

10/09/2024

Analyzed by: Phoenix Environmental Labs, Inc.

SW6010D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3005A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony (Dissolved)	ND		mg/L	0.005	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:55	CT007
7440-38-2	Arsenic (Dissolved)	ND		mg/L	0.004	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:55	CT007
7440-41-7	Beryllium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:55	CT007
7440-43-9	Cadmium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:55	CT007
7782-49-2	Selenium (Dissolved)	ND		mg/L	0.011	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:55	CT007

SW7010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3005A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium (Dissolved)	ND		mg/L	0.002	1	SW7010 Certifications:	10/16/2024 00:00	10/17/2024 14:55	CT007

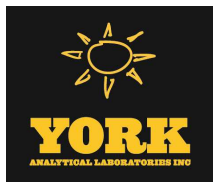
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO



Sample Information

Client Sample ID: TMW-2 20241009

York Sample ID: 24J0608-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24J0608

20230102

Ground Water

October 9, 2024 8:40 am

10/09/2024

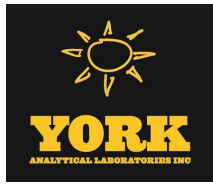
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
107-06-2	1,2-Dichloroethane	0.89		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
67-64-1	Acetone	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO



Sample Information

Client Sample ID: TMW-2 20241009

York Sample ID: 24J0608-01

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 8:40 am

Date Received

10/09/2024

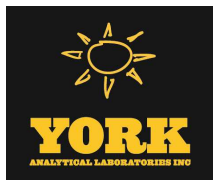
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
100-41-4	Ethyl Benzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO



Sample Information

Client Sample ID: TMW-2 20241009

York Sample ID: 24J0608-01

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 8:40 am

Date Received
10/09/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.50	1.0	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
108-88-3	Toluene	0.34	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:08	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.8 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								

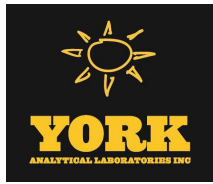
Semi-Volatiles, NYSDEC Part 375 List

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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/15/2024 08:21	10/16/2024 14:10	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/15/2024 08:21	10/16/2024 14:10	LL
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21	10/16/2024 14:10	LL
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21	10/16/2024 14:10	LL



Sample Information

Client Sample ID: TMW-2 20241009

York Sample ID: 24J0608-01

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 8:40 am

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

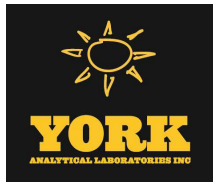
Log-in Notes:

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
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/15/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/16/2024 14:10	LL

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	13.8 %	19.7-63.1
13127-88-3	Surrogate: SURR: Phenol-d6	5.94 %	10.1-41.7
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	36.5 %	50.2-113
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	29.6 %	39.9-105
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	56.1 %	39.3-151
1718-51-0	Surrogate: SURR: Terphenyl-d14	39.8 %	30.7-106



Sample Information

Client Sample ID: TMW-2 20241009			York Sample ID: 24J0608-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0608	20230102	Ground Water	October 9, 2024 8:40 am	10/09/2024	

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.0772		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-39-3	Barium	0.0446		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-70-2	Calcium	162		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-50-8	Copper	0.0331		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7439-89-6	Iron	0.342		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7439-92-1	Lead	0.0243	M-CCV 1	mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7439-95-4	Magnesium	26.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7439-96-5	Manganese	3.68		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-09-7	Potassium	2.62		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-23-5	Sodium	16.5		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 15:56	AGNR

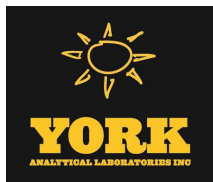
Mercury, Dissolved

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-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:41	10/15/2024 08:41	PFA



Sample Information

Client Sample ID: TMW-3 20241009

York Sample ID: 24J0608-02

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 9:25 am

Date Received
10/09/2024

Analyzed by: Phoenix Environmental Labs, Inc.

SW6010D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3005A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony (Dissolved)	ND		mg/L	0.005	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:58	CT007
7440-38-2	Arsenic (Dissolved)	0.022		mg/L	0.004	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:58	CT007
7440-41-7	Beryllium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:58	CT007
7440-43-9	Cadmium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:58	CT007
7782-49-2	Selenium (Dissolved)	ND		mg/L	0.011	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 12:58	CT007

SW7010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3005A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium (Dissolved)	ND		mg/L	0.002	1	SW7010 Certifications:	10/16/2024 00:00	10/17/2024 15:04	CT007

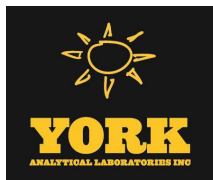
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			



Sample Information

Client Sample ID: TMW-3 20241009

York Sample ID: 24J0608-02

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 9:25 am

Date Received
10/09/2024

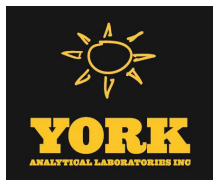
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 17:35	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	200	200	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 17:35	FO
78-93-3	2-Butanone	3.5		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
67-64-1	Acetone	22	CCVE, ICVE, QL-02	ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
71-43-2	Benzene	3.6		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 17:35	FO
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO



Sample Information

Client Sample ID: TMW-3 20241009

York Sample ID: 24J0608-02

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 9:25 am

Date Received
10/09/2024

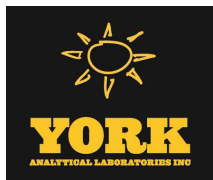
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
110-82-7	Cyclohexane	37		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
98-82-8	Isopropylbenzene	67		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
108-87-2	Methylcyclohexane	63		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
104-51-8	n-Butylbenzene	29		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
103-65-1	n-Propylbenzene	83	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	10/11/2024 08:00	10/11/2024 17:35	FO



Sample Information

Client Sample ID: TMW-3 20241009

York Sample ID: 24J0608-02

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 9:25 am

Date Received
10/09/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	60		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 17:35	FO
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	2.5	5.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/11/2024 08:00	10/11/2024 17:35	FO
98-06-6	tert-Butylbenzene	2.1	J	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
108-88-3	Toluene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
75-01-4	Vinyl Chloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/11/2024 08:00	10/11/2024 17:35	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.3 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	113 %	79-122								

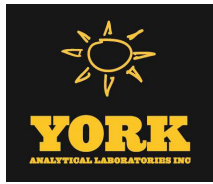
Semi-Volatiles, NYSDEC Part 375 List

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
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/16/2024 14:44	LL
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/16/2024 14:44	LL
83-32-9	Acenaphthene	13.8		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/16/2024 14:44	LL



Sample Information

Client Sample ID: TMW-3 20241009

York Sample ID: 24J0608-02

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 9:25 am

Date Received

10/09/2024

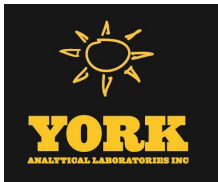
Semi-Volatiles, NYSDEC Part 375 List

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
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
120-12-7	Anthracene	6.18		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
218-01-9	Chrysene	0.330		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
132-64-9	Dibenzofuran	10.8		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
206-44-0	Fluoranthene	1.24		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
86-73-7	Fluorene	29.1		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
91-20-3	Naphthalene	5.27		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
85-01-8	Phenanthrene	52.1		ug/L	0.500	0.500	10	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:10	SS
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
129-00-0	Pyrene	1.26		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/16/2024 14:44	LL
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	23.8 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	11.4 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	114 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.5 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	87.2 %	39.3-151								



Sample Information

Client Sample ID: TMW-3 20241009			York Sample ID: 24J0608-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0608	20230102	Ground Water	October 9, 2024 9:25 am	10/09/2024	

Semi-Volatiles, NYSDEC Part 375 List

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
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.2 %			30.7-106						

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	0.102		mg/L	0.0278	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	Calcium	128		mg/L	0.0556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	0.0111		mg/L	0.00556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	0.0385		mg/L	0.0222	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	Iron	13.5		mg/L	0.278	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	0.0191	M-CCV 1	mg/L	0.0111	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	Magnesium	20.0		mg/L	0.0556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	Manganese	3.03		mg/L	0.00556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	0.0155		mg/L	0.0111	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	Potassium	17.3		mg/L	0.0556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	382		mg/L	0.556	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	0.0762		mg/L	0.0278	1	EPA 6010D	10/11/2024 08:23	10/14/2024 16:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

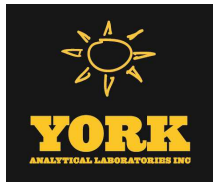
Mercury, Dissolved

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
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Sample Information

Client Sample ID: TMW-3 20241009

York Sample ID: 24J0608-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24J0608	20230102	Ground Water	October 9, 2024 9:25 am	10/09/2024

Mercury, Dissolved

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-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:41	10/15/2024 08:41	PFA

Sample Information

Client Sample ID: TMW-4 20241009

York Sample ID: 24J0608-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24J0608	20230102	Ground Water	October 9, 2024 10:10 am	10/09/2024

Analyzed by: Phoenix Environmental Labs, Inc.

SW6010D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3005A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony (Dissolved)	ND		mg/L	0.005	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:01	CT007
7440-38-2	Arsenic (Dissolved)	ND		mg/L	0.004	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:01	CT007
7440-41-7	Beryllium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:01	CT007
7440-43-9	Cadmium (Dissolved)	ND		mg/L	0.001	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:01	CT007
7782-49-2	Selenium (Dissolved)	ND		mg/L	0.011	1	SW6010D Certifications:	10/16/2024 00:00	10/17/2024 13:01	CT007

SW7010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW3005A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium (Dissolved)	ND		mg/L	0.002	1	SW7010 Certifications:	10/16/2024 00:00	10/17/2024 15:13	CT007

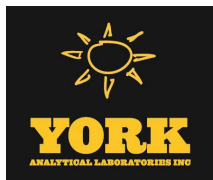
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Client Sample ID: TMW-4 20241009

York Sample ID: 24J0608-03

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 10:10 am

Date Received
10/09/2024

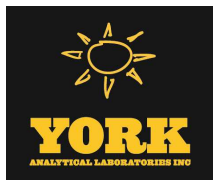
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO



Sample Information

Client Sample ID: TMW-4 20241009

York Sample ID: 24J0608-03

York Project (SDG) No.
24J0608

Client Project ID
20230102

Matrix
Ground Water

Collection Date/Time
October 9, 2024 10:10 am

Date Received
10/09/2024

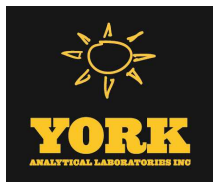
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	5.9	CCVE, ICVE, QL-02	ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 12:04	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
75-15-0	Carbon disulfide	0.24	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
108-90-7	Chlorobenzene	0.53		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
156-59-2	cis-1,2-Dichloroethylene	0.38	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
110-82-7	Cyclohexane	3.4		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 12:04	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 12:04	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 12:04	FO
100-41-4	Ethyl Benzene	0.20	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 12:04	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 12:04	FO



Sample Information

Client Sample ID: TMW-4 20241009

York Sample ID: 24J0608-03

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 10:10 am

Date Received

10/09/2024

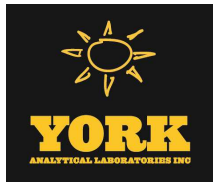
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
108-87-2	Methylcyclohexane	0.47	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
104-51-8	n-Butylbenzene	6.5		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
103-65-1	n-Propylbenzene	0.68		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
95-47-6	o-Xylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
135-98-8	sec-Butylbenzene	9.2		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/14/2024 08:00	10/14/2024 12:04	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
108-88-3	Toluene	0.28	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
75-01-4	Vinyl Chloride	0.37	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
1330-20-7	Xylenes, Total	0.69	J	ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/14/2024 08:00	10/14/2024 12:04	FO
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: TMW-4 20241009

York Sample ID: 24J0608-03

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 10:10 am

Date Received

10/09/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.6 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	96.1 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	166 %	S-04, S-08		79-122						

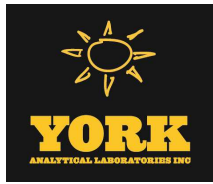
Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	50.0	100	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	50.0	100	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
83-32-9	Acenaphthene	37.4		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
208-96-8	Acenaphthylene	13.4	CCVE	ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
120-12-7	Anthracene	25.8		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
218-01-9	Chrysene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
132-64-9	Dibenzofuran	ND		ug/L	50.0	100	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
206-44-0	Fluoranthene	6.00		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
86-73-7	Fluorene	43.6		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.400	0.400	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS



Sample Information

Client Sample ID: TMW-4 20241009

York Sample ID: 24J0608-03

York Project (SDG) No.

24J0608

Client Project ID

20230102

Matrix

Ground Water

Collection Date/Time

October 9, 2024 10:10 am

Date Received

10/09/2024

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	8.80	CCVE	ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
87-86-5	Pentachlorophenol	ND		ug/L	5.00	5.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
85-01-8	Phenanthrene	57.6		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/15/2024 08:21	10/17/2024 12:44	SS
108-95-2	Phenol	ND		ug/L	50.0	100	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
129-00-0	Pyrene	ND		ug/L	1.00	1.00	20	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:21	10/17/2024 12:44	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	25.2 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	4.80 %	S-08	10.1-41.7							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	478 %	S-08	50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	60.8 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	70.8 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	60.8 %	30.7-106								

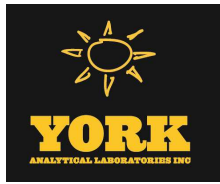
Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.0604		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-39-3	Barium	0.287		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-70-2	Calcium	115		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-50-8	Copper	0.0317		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7439-89-6	Iron	7.33		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7439-92-1	Lead	0.0192	M-CCV 1	mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7439-95-4	Magnesium	14.7		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR
7439-96-5	Manganese	2.28		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/11/2024 08:23	10/14/2024 16:06	AGNR



Sample Information

Client Sample ID: TMW-4 20241009		York Sample ID: 24J0608-03			
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0608	20230102	Ground Water	October 9, 2024 10:10 am	10/09/2024	

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-09-7	Potassium	9.87		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-23-5	Sodium	329		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/11/2024 08:23	10/14/2024 16:06	AGNR

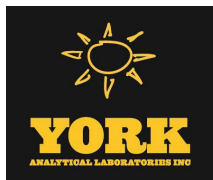
Mercury, Dissolved

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-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/15/2024 08:41	10/15/2024 08:41	PFA



Analytical Batch Summary

Batch ID: 753970A

Preparation Method: SW3005A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/16/24
24J0608-02	TMW-3 20241009	10/16/24
24J0608-03	TMW-4 20241009	10/16/24

Batch ID: 753973A

Preparation Method: SW3005A

Prepared By:

YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/16/24
24J0608-02	TMW-3 20241009	10/16/24
24J0608-03	TMW-4 20241009	10/16/24
CR87247-BLK	BLK	10/16/24
CR87247-DUP	DUP	10/16/24
CR87247-LCS	LCS	10/16/24
CR87247-MS	MS	10/16/24

Batch ID: BJ40743

Preparation Method: EPA 3015A

Prepared By: DBT

YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/11/24
24J0608-02	TMW-3 20241009	10/11/24
24J0608-03	TMW-4 20241009	10/11/24
BJ40743-BLK1	Blank	10/11/24
BJ40743-BS1	LCS	10/11/24

Batch ID: BJ40745

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/11/24
24J0608-02	TMW-3 20241009	10/11/24
BJ40745-BLK1	Blank	10/11/24
BJ40745-BS1	LCS	10/11/24

Batch ID: BJ40861

Preparation Method: EPA 3015A

Prepared By: DBT

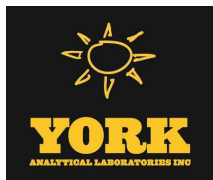
YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/14/24
24J0608-02	TMW-3 20241009	10/14/24
24J0608-03	TMW-4 20241009	10/14/24

Batch ID: BJ40883

Preparation Method: EPA 5030B

Prepared By: FO

YORK Sample ID	Client Sample ID	Preparation Date
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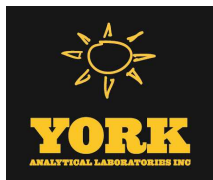
24J0608-03	TMW-4 20241009	10/14/24
BJ40883-BLK1	Blank	10/14/24
BJ40883-BS1	LCS	10/14/24
BJ40883-BSD1	LCS Dup	10/14/24

Batch ID: BJ40943 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/15/24
24J0608-02	TMW-3 20241009	10/15/24
24J0608-02RE1	TMW-3 20241009	10/15/24
24J0608-03	TMW-4 20241009	10/15/24
BJ40943-BLK1	Blank	10/15/24
BJ40943-BS1	LCS	10/15/24
BJ40943-BSD1	LCS Dup	10/15/24

Batch ID: BJ40957 **Preparation Method:** EPA SW846-7470A **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24J0608-01	TMW-2 20241009	10/15/24
24J0608-02	TMW-3 20241009	10/15/24
24J0608-03	TMW-4 20241009	10/15/24
BJ40957-BLK1	Blank	10/15/24
BJ40957-BLK2	Blank	10/15/24
BJ40957-BS1	LCS	10/15/24
BJ40957-BS2	LCS	10/15/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

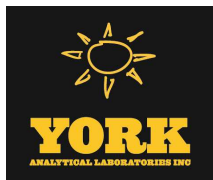
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40745 - EPA 5030B

Blank (BJ40745-BLK1)

Prepared & Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40745 - EPA 5030B

Blank (BJ40745-BLK1)

Prepared & Analyzed: 10/11/2024

Methylene chloride	ND	2.0	ug/L
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

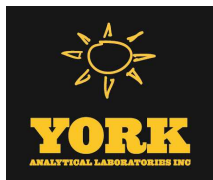
Surrogate: SURR: 1,2-Dichloroethane-d4	9.77	"	10.0	97.7	69-130
Surrogate: SURR: Toluene-d8	9.66	"	10.0	96.6	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.2	"	10.0	102	79-122

LCS (BJ40745-BS1)

Prepared & Analyzed: 10/11/2024

1,1,1,2-Tetrachloroethane	9.4	ug/L	10.0	93.7	82-126
1,1,1-Trichloroethane	12	"	10.0	115	78-136
1,1,2,2-Tetrachloroethane	12	"	10.0	122	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12	"	10.0	120	54-165
1,1,2-Trichloroethane	10	"	10.0	102	82-123
1,1-Dichloroethane	11	"	10.0	109	82-129
1,1-Dichloroethylene	12	"	10.0	116	68-138
1,2,3-Trichlorobenzene	8.3	"	10.0	83.3	40-130
1,2,3-Trichloropropane	10	"	10.0	104	77-128
1,2,4-Trichlorobenzene	8.6	"	10.0	85.5	65-137
1,2,4-Trimethylbenzene	11	"	10.0	113	82-132
1,2-Dibromo-3-chloropropane	9.8	"	10.0	98.0	45-147
1,2-Dibromoethane	10	"	10.0	104	83-124
1,2-Dichlorobenzene	10	"	10.0	104	79-123
1,2-Dichloroethane	11	"	10.0	106	73-132
1,2-Dichloropropane	11	"	10.0	106	78-126
1,3,5-Trimethylbenzene	11	"	10.0	112	80-131
1,3-Dichlorobenzene	10	"	10.0	104	86-130
1,4-Dichlorobenzene	10	"	10.0	104	85-130
1,4-Dioxane	350	"	210	166	10-349
2-Butanone	9.7	"	10.0	96.7	49-152
2-Hexanone	9.3	"	10.0	92.7	51-146
4-Methyl-2-pentanone	10	"	10.0	104	57-145
Acetone	21	"	10.0	211	14-150
Acrolein	22	"	10.0	215	10-153
Acrylonitrile	13	"	10.0	128	51-150

High Bias
High Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

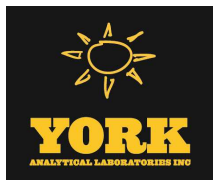
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40745 - EPA 5030B

LCS (BJ40745-BS1)

Prepared & Analyzed: 10/11/2024

Benzene	13		ug/L	10.0		126	85-126				
Bromochloromethane	11		"	10.0		113	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	10		"	10.0		103	78-133				
Bromomethane	3.7		"	10.0		37.1	43-168	Low Bias			
Carbon disulfide	12		"	10.0		122	68-146				
Carbon tetrachloride	13		"	10.0		132	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		103	65-136				
Chloroform	11		"	10.0		109	82-128				
Chloromethane	7.0		"	10.0		69.5	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131				
Cyclohexane	13		"	10.0		128	63-149				
Dibromochloromethane	9.9		"	10.0		98.8	80-130				
Dibromomethane	10		"	10.0		101	72-134				
Dichlorodifluoromethane	8.2		"	10.0		82.3	44-144				
Ethyl Benzene	12		"	10.0		119	80-131				
Hexachlorobutadiene	8.7		"	10.0		86.8	67-146				
Isopropylbenzene	12		"	10.0		123	76-140				
Methyl acetate	9.5		"	10.0		95.3	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		106	76-135				
Methylcyclohexane	11		"	10.0		113	72-143				
Methylene chloride	11		"	10.0		108	55-137				
n-Butylbenzene	11		"	10.0		107	79-132				
n-Propylbenzene	13		"	10.0		128	78-133				
o-Xylene	11		"	10.0		108	78-130				
p- & m- Xylenes	25		"	20.0		126	77-133				
p-Isopropyltoluene	11		"	10.0		110	81-136				
sec-Butylbenzene	12		"	10.0		116	79-137				
Styrene	10		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	58		"	50.0		117	25-162				
tert-Butylbenzene	11		"	10.0		106	77-138				
Tetrachloroethylene	5.8		"	10.0		58.4	82-131	Low Bias			
Toluene	12		"	10.0		116	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		113	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		107	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		112	63-141				
Trichloroethylene	10		"	10.0		101	82-128				
Trichlorofluoromethane	11		"	10.0		109	67-139				
Vinyl Chloride	9.8		"	10.0		97.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.28		"	10.0		92.8	69-130				
Surrogate: SURR: Toluene-d8	9.60		"	10.0		96.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

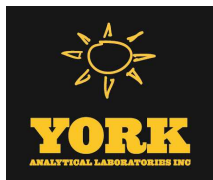
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40883 - EPA 5030B

Blank (BJ40883-BLK1)

Prepared & Analyzed: 10/14/2024

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40883 - EPA 5030B

Blank (BJ40883-BLK1)

Prepared & Analyzed: 10/14/2024

n-Butylbenzene	ND	0.50	ug/L
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

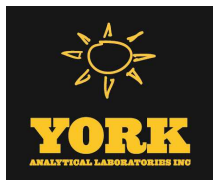
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.66	"	10.0	96.6	69-130
Surrogate: SURRE: Toluene-d8	9.95	"	10.0	99.5	81-117
Surrogate: SURRE: p-Bromofluorobenzene	10.3	"	10.0	103	79-122

LCS (BJ40883-BS1)

Prepared & Analyzed: 10/14/2024

1,1,1,2-Tetrachloroethane	8.4	ug/L	10.0	84.1	82-126
1,1,1-Trichloroethane	10	"	10.0	99.5	78-136
1,1,2,2-Tetrachloroethane	12	"	10.0	118	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	"	10.0	99.8	54-165
1,1,2-Trichloroethane	9.3	"	10.0	93.1	82-123
1,1-Dichloroethane	9.5	"	10.0	95.2	82-129
1,1-Dichloroethylene	10	"	10.0	99.8	68-138
1,2,3-Trichlorobenzene	7.9	"	10.0	79.1	40-130
1,2,3-Trichloropropane	10	"	10.0	99.9	77-128
1,2,4-Trichlorobenzene	8.1	"	10.0	80.9	65-137
1,2,4-Trimethylbenzene	10	"	10.0	103	82-132
1,2-Dibromo-3-chloropropane	9.2	"	10.0	92.4	45-147
1,2-Dibromoethane	9.5	"	10.0	94.7	83-124
1,2-Dichlorobenzene	9.7	"	10.0	97.1	79-123
1,2-Dichloroethane	9.9	"	10.0	98.6	73-132
1,2-Dichloropropane	9.4	"	10.0	93.5	78-126
1,3,5-Trimethylbenzene	10	"	10.0	102	80-131
1,3-Dichlorobenzene	9.5	"	10.0	95.4	86-130
1,4-Dichlorobenzene	9.6	"	10.0	95.9	85-130
1,4-Dioxane	330	"	210	157	10-349
2-Butanone	8.6	"	10.0	85.8	49-152
2-Hexanone	8.8	"	10.0	88.4	51-146
4-Methyl-2-pentanone	10	"	10.0	99.7	57-145
Acetone	19	"	10.0	193	14-150
Acrolein	15	"	10.0	153	10-153
Acrylonitrile	11	"	10.0	114	51-150
Benzene	11	"	10.0	110	85-126

High Bias



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

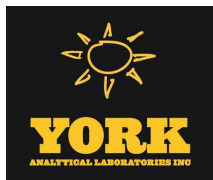
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40883 - EPA 5030B

LCS (BJ40883-BS1)

Prepared & Analyzed: 10/14/2024

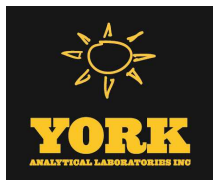
Bromochloromethane	10		ug/L	10.0		102	77-128				
Bromodichloromethane	9.8		"	10.0		98.1	79-128				
Bromoform	9.3		"	10.0		93.2	78-133				
Bromomethane	2.9		"	10.0		29.0	43-168	Low Bias			
Carbon disulfide	10		"	10.0		102	68-146				
Carbon tetrachloride	11		"	10.0		114	77-141				
Chlorobenzene	9.2		"	10.0		92.0	88-120				
Chloroethane	11		"	10.0		108	65-136				
Chloroform	9.8		"	10.0		97.5	82-128				
Chloromethane	7.8		"	10.0		77.6	43-155				
cis-1,2-Dichloroethylene	9.8		"	10.0		97.5	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		96.3	80-131				
Cyclohexane	11		"	10.0		105	63-149				
Dibromochloromethane	8.8		"	10.0		88.5	80-130				
Dibromomethane	9.0		"	10.0		90.0	72-134				
Dichlorodifluoromethane	14		"	10.0		136	44-144				
Ethyl Benzene	11		"	10.0		107	80-131				
Hexachlorobutadiene	7.3		"	10.0		72.6	67-146				
Isopropylbenzene	11		"	10.0		111	76-140				
Methyl acetate	8.6		"	10.0		85.7	51-139				
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		93.8	76-135				
Methylcyclohexane	9.4		"	10.0		94.2	72-143				
Methylene chloride	9.8		"	10.0		98.2	55-137				
n-Butylbenzene	9.6		"	10.0		95.5	79-132				
n-Propylbenzene	12		"	10.0		116	78-133				
o-Xylene	9.8		"	10.0		97.6	78-130				
p- & m- Xylenes	23		"	20.0		117	77-133				
p-Isopropyltoluene	9.8		"	10.0		98.5	81-136				
sec-Butylbenzene	10		"	10.0		103	79-137				
Styrene	9.2		"	10.0		92.1	67-132				
tert-Butyl alcohol (TBA)	55		"	50.0		110	25-162				
tert-Butylbenzene	9.4		"	10.0		93.8	77-138				
Tetrachloroethylene	4.8		"	10.0		48.5	82-131	Low Bias			
Toluene	10		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	9.7		"	10.0		96.9	80-132				
trans-1,3-Dichloropropylene	9.9		"	10.0		98.7	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		108	63-141				
Trichloroethylene	8.6		"	10.0		86.2	82-128				
Trichlorofluoromethane	11		"	10.0		106	67-139				
Vinyl Chloride	11		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.64		"	10.0		96.4	69-130				
Surrogate: SURR: Toluene-d8	9.67		"	10.0		96.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BJ40883 - EPA 5030B											
LCS Dup (BJ40883-BSD1)						Prepared & Analyzed: 10/14/2024					
1,1,1,2-Tetrachloroethane	8.4		ug/L	10.0		84.4	82-126		0.356	30	
1,1,1-Trichloroethane	11		"	10.0		107	78-136		6.98	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		113	76-129		4.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		109	54-165		8.54	30	
1,1,2-Trichloroethane	9.6		"	10.0		95.9	82-123		2.96	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		6.41	30	
1,1-Dichloroethylene	11		"	10.0		106	68-138		6.31	30	
1,2,3-Trichlorobenzene	8.2		"	10.0		82.5	40-130		4.21	30	
1,2,3-Trichloropropane	10		"	10.0		100	77-128		0.400	30	
1,2,4-Trichlorobenzene	7.9		"	10.0		79.4	65-137		1.87	30	
1,2,4-Trimethylbenzene	10		"	10.0		101	82-132		1.86	30	
1,2-Dibromo-3-chloropropane	9.5		"	10.0		95.3	45-147		3.09	30	
1,2-Dibromoethane	9.8		"	10.0		98.2	83-124		3.63	30	
1,2-Dichlorobenzene	9.5		"	10.0		95.2	79-123		1.98	30	
1,2-Dichloroethane	10		"	10.0		102	73-132		3.78	30	
1,2-Dichloropropane	9.6		"	10.0		95.9	78-126		2.53	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		0.295	30	
1,3-Dichlorobenzene	9.3		"	10.0		93.2	86-130		2.33	30	
1,4-Dichlorobenzene	9.4		"	10.0		93.5	85-130		2.53	30	
1,4-Dioxane	150		"	210		71.4	10-349		74.9	30	Non-dir.
2-Butanone	9.3		"	10.0		93.4	49-152		8.48	30	
2-Hexanone	9.2		"	10.0		91.9	51-146		3.88	30	
4-Methyl-2-pentanone	10		"	10.0		102	57-145		2.18	30	
Acetone	20		"	10.0		202	14-150	High Bias	4.51	30	
Acrolein	15		"	10.0		150	10-153		2.05	30	
Acrylonitrile	12		"	10.0		119	51-150		4.72	30	
Benzene	12		"	10.0		116	85-126		5.20	30	
Bromochloromethane	10		"	10.0		104	77-128		2.62	30	
Bromodichloromethane	10		"	10.0		101	79-128		2.71	30	
Bromoform	9.6		"	10.0		95.7	78-133		2.65	30	
Bromomethane	3.2		"	10.0		31.9	43-168	Low Bias	9.52	30	
Carbon disulfide	11		"	10.0		109	68-146		6.45	30	
Carbon tetrachloride	12		"	10.0		124	77-141		8.29	30	
Chlorobenzene	9.3		"	10.0		92.9	88-120		0.974	30	
Chloroethane	12		"	10.0		118	65-136		8.70	30	
Chloroform	10		"	10.0		101	82-128		3.92	30	
Chloromethane	8.7		"	10.0		87.2	43-155		11.7	30	
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129		6.93	30	
cis-1,3-Dichloropropylene	9.8		"	10.0		97.5	80-131		1.24	30	
Cyclohexane	11		"	10.0		113	63-149		6.87	30	
Dibromochloromethane	9.1		"	10.0		90.6	80-130		2.35	30	
Dibromomethane	9.4		"	10.0		93.7	72-134		4.03	30	
Dichlorodifluoromethane	15		"	10.0		150	44-144	High Bias	9.36	30	
Ethyl Benzene	11		"	10.0		110	80-131		2.31	30	
Hexachlorobutadiene	6.9		"	10.0		69.3	67-146		4.65	30	
Isopropylbenzene	11		"	10.0		110	76-140		0.725	30	
Methyl acetate	9.5		"	10.0		94.6	51-139		9.87	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135		8.77	30	
Methylcyclohexane	10		"	10.0		99.8	72-143		5.77	30	
Methylene chloride	10		"	10.0		100	55-137		2.32	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

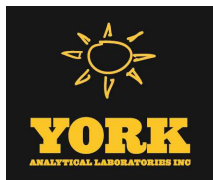
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40883 - EPA 5030B

LCS Dup (BJ40883-BSD1)

Prepared & Analyzed: 10/14/2024

n-Butylbenzene	9.6		ug/L	10.0		95.9	79-132		0.418	30	
n-Propylbenzene	11		"	10.0		114	78-133		1.56	30	
o-Xylene	10		"	10.0		99.7	78-130		2.13	30	
p- & m- Xylenes	24		"	20.0		119	77-133		1.95	30	
p-Isopropyltoluene	9.8		"	10.0		98.1	81-136		0.407	30	
sec-Butylbenzene	10		"	10.0		104	79-137		0.484	30	
Styrene	9.3		"	10.0		93.2	67-132		1.19	30	
tert-Butyl alcohol (TBA)	26		"	50.0		52.8	25-162		70.1	30	Non-dir.
tert-Butylbenzene	9.3		"	10.0		93.4	77-138		0.427	30	
Tetrachloroethylene	5.1		"	10.0		51.4	82-131	Low Bias	5.81	30	
Toluene	11		"	10.0		106	80-127		2.78	30	
trans-1,2-Dichloroethylene	10		"	10.0		101	80-132		3.85	30	
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131		2.60	30	
trans-1,4-dichloro-2-butene	11		"	10.0		106	63-141		2.33	30	
Trichloroethylene	9.0		"	10.0		89.7	82-128		3.98	30	
Trichlorofluoromethane	11		"	10.0		114	67-139		7.08	30	
Vinyl Chloride	12		"	10.0		125	58-145		12.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.74		"	10.0		97.4	69-130				
Surrogate: SURR: Toluene-d8	9.67		"	10.0		96.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

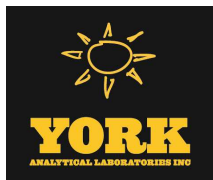
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40943 - EPA 3510C

Blank (BJ40943-BLK1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
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	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: 2-Fluorophenol	14.0		"	50.0		27.9	19.7-63.1				
Surrogate: SURR: Phenol-d6	4.81		"	50.0		9.62	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	18.9		"	25.0		75.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.0		"	25.0		56.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	50.5		"	50.0		101	39.3-151				
Surrogate: SURR: Terphenyl-d14	18.2		"	25.0		72.8	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

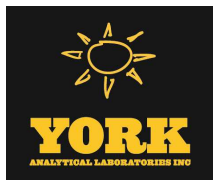
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40943 - EPA 3510C

LCS (BJ40943-BS1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	11.1	5.00	ug/L	25.0		44.3	10-90				
3- & 4-Methylphenols	9.14	5.00	"	25.0		36.6	10-101				
Acenaphthene	15.6	0.0500	"	25.0		62.2	24-114				
Acenaphthylene	16.1	0.0500	"	25.0		64.4	26-112				
Anthracene	18.0	0.0500	"	25.0		72.2	35-114				
Benzo(a)anthracene	15.6	0.0500	"	25.0		62.2	38-127				
Benzo(a)pyrene	15.5	0.0500	"	25.0		62.0	30-146				
Benzo(b)fluoranthene	19.1	0.0500	"	25.0		76.4	36-145				
Benzo(g,h,i)perylene	18.6	0.0500	"	25.0		74.3	10-163				
Benzo(k)fluoranthene	19.1	0.0500	"	25.0		76.4	16-149				
Chrysene	16.4	0.0500	"	25.0		65.6	33-120				
Dibenzo(a,h)anthracene	18.4	0.0500	"	25.0		73.4	10-149				
Dibenzofuran	16.5	5.00	"	25.0		65.9	42-105				
Fluoranthene	17.6	0.0500	"	25.0		70.4	33-126				
Fluorene	17.0	0.0500	"	25.0		68.1	28-117				
Hexachlorobenzene	17.8	0.0200	"	25.0		71.0	27-120				
Indeno(1,2,3-cd)pyrene	18.6	0.0500	"	25.0		74.3	10-150				
Naphthalene	15.5	0.0500	"	25.0		62.1	30-99				
Pentachlorophenol	16.2	0.250	"	25.0		65.0	19-127				
Phenanthrene	17.4	0.0500	"	25.0		69.7	31-112				
Phenol	5.64	5.00	"	25.0		22.6	10-37				
Pyrene	15.1	0.0500	"	25.0		60.2	42-125				
Surrogate: SURR: 2-Fluorophenol	16.0		"	50.0		31.9	19.7-63.1				
Surrogate: SURR: Phenol-d6	8.18		"	50.0		16.4	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	21.6		"	25.0		86.3	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	17.6		"	25.0		70.6	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	58.6		"	50.0		117	39.3-151				
Surrogate: SURR: Terphenyl-d14	18.6		"	25.0		74.6	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

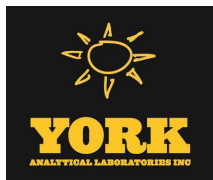
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40943 - EPA 3510C

LCS Dup (BJ40943-BSD1)

Prepared: 10/15/2024 Analyzed: 10/16/2024

2-Methylphenol	9.90	5.00	ug/L	25.0		39.6	10-90		11.2	20	
3- & 4-Methylphenols	8.16	5.00	"	25.0		32.6	10-101		11.3	20	
Acenaphthene	12.9	0.0500	"	25.0		51.5	24-114		18.9	20	
Acenaphthylene	13.6	0.0500	"	25.0		54.2	26-112		17.1	20	
Anthracene	15.2	0.0500	"	25.0		61.0	35-114		16.8	20	
Benzo(a)anthracene	13.3	0.0500	"	25.0		53.3	38-127		15.4	20	
Benzo(a)pyrene	13.1	0.0500	"	25.0		52.5	30-146		16.6	20	
Benzo(b)fluoranthene	16.6	0.0500	"	25.0		66.3	36-145		14.1	20	
Benzo(g,h,i)perylene	15.8	0.0500	"	25.0		63.2	10-163		16.1	20	
Benzo(k)fluoranthene	16.6	0.0500	"	25.0		66.3	16-149		14.1	20	
Chrysene	14.0	0.0500	"	25.0		55.9	33-120		15.9	20	
Dibenzo(a,h)anthracene	15.5	0.0500	"	25.0		62.2	10-149		16.6	20	
Dibenzofuran	13.5	5.00	"	25.0		54.2	42-105		19.6	20	
Fluoranthene	14.7	0.0500	"	25.0		58.9	33-126		17.7	20	
Fluorene	14.1	0.0500	"	25.0		56.2	28-117		19.1	20	
Hexachlorobenzene	15.4	0.0200	"	25.0		61.6	27-120		14.2	20	
Indeno(1,2,3-cd)pyrene	15.8	0.0500	"	25.0		63.2	10-150		16.1	20	
Naphthalene	13.6	0.0500	"	25.0		54.6	30-99		12.9	20	
Pentachlorophenol	13.1	0.250	"	25.0		52.3	19-127		21.6	20	Non-dir.
Phenanthrene	14.7	0.0500	"	25.0		58.9	31-112		16.9	20	
Phenol	5.03	5.00	"	25.0		20.1	10-37		11.4	20	
Pyrene	12.8	0.0500	"	25.0		51.0	42-125		16.5	20	
Surrogate: SURR: 2-Fluorophenol	14.9		"	50.0		29.8	19.7-63.1				
Surrogate: SURR: Phenol-d6	7.59		"	50.0		15.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	19.3		"	25.0		77.1	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.7		"	25.0		58.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	50.2		"	50.0		100	39.3-151				
Surrogate: SURR: Terphenyl-d14	16.1		"	25.0		64.4	30.7-106				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ40743 - EPA 3015A

Blank (BJ40743-BLK1)

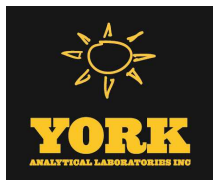
Prepared: 10/11/2024 Analyzed: 10/12/2024

Aluminum - Dissolved	ND	0.0556	mg/L
Barium - Dissolved	ND	0.0278	"
Calcium - Dissolved	ND	0.0556	"
Chromium - Dissolved	ND	0.00556	"
Cobalt - Dissolved	ND	0.00444	"
Copper - Dissolved	ND	0.0222	"
Iron - Dissolved	ND	0.278	"
Lead - Dissolved	ND	0.0111	"
Magnesium - Dissolved	ND	0.0556	"
Manganese - Dissolved	ND	0.00556	"
Nickel - Dissolved	ND	0.0111	"
Potassium - Dissolved	ND	0.0556	"
Silver - Dissolved	ND	0.00556	"
Sodium - Dissolved	ND	0.556	"
Vanadium - Dissolved	ND	0.0111	"
Zinc - Dissolved	ND	0.0278	"

LCS (BJ40743-BS1)

Prepared: 10/11/2024 Analyzed: 10/12/2024

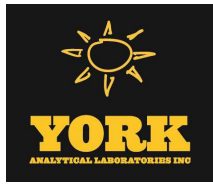
Aluminum - Dissolved	1.96	ug/mL	2.00	98.1	80-120
Barium - Dissolved	2.11	"	2.00	105	80-120
Calcium - Dissolved	1.08	"	1.00	108	80-120
Chromium - Dissolved	0.206	"	0.200	103	80-120
Cobalt - Dissolved	0.531	"	0.500	106	80-120
Copper - Dissolved	0.292	"	0.250	117	80-120
Iron - Dissolved	1.00	"	1.00	100	80-120
Lead - Dissolved	0.509	"	0.500	102	80-120
Magnesium - Dissolved	1.03	"	1.00	103	80-120
Manganese - Dissolved	0.529	"	0.500	106	80-120
Nickel - Dissolved	0.517	"	0.500	103	80-120
Potassium - Dissolved	0.899	"	1.00	89.9	80-120
Silver - Dissolved	0.0470	"	0.0500	94.0	80-120
Sodium - Dissolved	1.00	"	1.00	100	80-120
Vanadium - Dissolved	0.502	"	0.500	100	80-120
Zinc - Dissolved	0.504	"	0.500	101	80-120



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

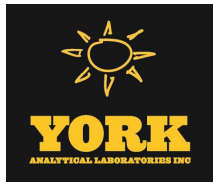
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40957 - EPA SW846-7470A											
Blank (BJ40957-BLK1)								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	ND	0.0002	mg/L								
Blank (BJ40957-BLK2)								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BJ40957-BS1)								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200		96.0	80-120				
LCS (BJ40957-BS2)								Prepared & Analyzed: 10/15/2024			
Mercury - Dissolved	0.0020	0.0002	mg/L	0.00200		98.1	80-120				



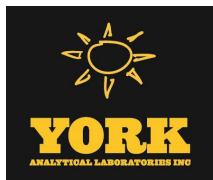
SW7010 - Quality Control Data
Phoenix Environmental Labs, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch 753973A - SW3005A											
BLK (CR87247-BLK)											
						Prepared: 10/16/2024 Analyzed: 10/17/2024					
Thallium (Dissolved)	BRL	0.002	mg/L			BRL	-				
DUP (CR87247-DUP)											
						Prepared: 10/16/2024 Analyzed: 10/17/2024					
Thallium (Dissolved)	BRL	0.002	mg/L				-		NC	20	
LCS (CR87247-LCS)											
						Prepared: 10/16/2024 Analyzed: 10/17/2024					
Thallium (Dissolved)	104.0	0.002	mg/L	100		104	80-120			20	
MS (CR87247-MS)											
						Prepared: 10/16/2024 Analyzed: 10/17/2024					
Thallium (Dissolved)	107.8	0.002	mg/L	100		108	75-125			20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0608-01	TMW-2 20241009	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J0608-02	TMW-3 20241009	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J0608-03	TMW-4 20241009	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

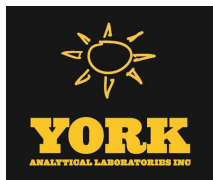


Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	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 legal 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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number
24J0608

Page **1** of **1**

Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
RUSH - Five Day
Standard (6-9 Day)
PFAS Standard 7-10 Day

Report Type (circle)

QA Report

Summary (Results Only)

NY ASP B Package

NJ Reduced

NJ DKQP

NJ Full

CT RCP

Grab or Comp.

Gr/C

EDD Type (circle)

EQUS (standard)

NYSDEC EQUIS

NJDEP SRP Haz Site

Standard Excel

CMDP

Other:

Regulatory Comparative

Compared to the following

Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Containers Intact: Y N COC/Labels Agree: Y N Preservation Confirmed: Y / N

COC Completed: Y N COC Received: Y N Appropriate Sample Volumes: Y N Appropriate Sample Containers: Y N

Cooler Temperature Confirmed: Y N Samples Submitted within Holding Times: Y N Corrective Action Form Required: Y N

1. Samples Relinquished by / Company Date/Time

2. Samples Relinquished by / Company Date/Time

3. Samples Relinquished by / Company Date/Time

4. Samples Relinquished by / Company Date/Time

5. Samples Relinquished by / Company Date/Time

6. Samples Relinquished by / Company Date/Time

7. Samples Relinquished by / Company Date/Time

8. Samples Relinquished by / Company Date/Time

9. Samples Relinquished by / Company Date/Time

Samples Collected From

NY X CT PA

Other: (please specify)

Analyses Requested

Preservative

(please list number of containers)

Unpreserved

HCl (hydrochloric acid)

MeOH (methanol)

HNO₃ (nitric acid)

H₂SO₄ (sulfuric acid)

NaOH (sodium hydroxide)

Na₂S₂O₃ (sodium thio)

Trizma

Ammonium Acetate

Other:

Matrix Codes

S - soil/solid/sludge

GW - groundwater

DW - drinking water

SW - surface water

WW - wastewater

O - Oil

Other

Sample Identification

Date

Time

Matrix

TMW-2 20241009

16-08-24 0840 GW

TMW-3 20241009

16-08-24 0925 GW

TMW-4 20241009

16-08-24 1010 GW

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Phone:

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E-mail:

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Contact:

E-mail:

Company:

Address:

Phone:

Contact:

E-mail:

Comments: METALS WERE FIELD FILTERED

1. Samples Relinquished by / Company Date/Time

2. Samples Relinquished by / Company Date/Time

3. Samples Relinquished by / Company Date/Time

4. Samples Relinquished by / Company Date/Time

5. Samples Relinquished by / Company Date/Time

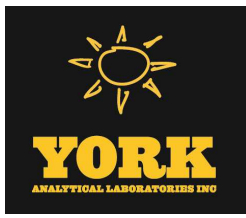
6. Samples Relinquished by / Company Date/Time

7. Samples Relinquished by / Company Date/Time

8. Samples Relinquished by / Company Date/Time

9. Samples Relinquished by / Company Date/Time

10. Samples Relinquished by / Company Date/Time



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

Report Date: 10/28/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0597

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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: 10/28/2024
Client Project ID: 20230102
York Project (SDG) No.: 24J0597

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Anthony Spadavecchia

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 October 09, 2024 and listed below. The project was identified as your project: **20230102**.

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>
24J0597-02	SV-2 20241008	Soil Vapor	10/08/2024	10/09/2024
24J0597-03	SV-3 20241008	Soil Vapor	10/08/2024	10/09/2024
24J0597-04	SV-4 20241008	Soil Vapor	10/08/2024	10/09/2024
24J0597-05	SSV-1 20241008	Soil Vapor	10/08/2024	10/09/2024

General Notes for York Project (SDG) No.: 24J0597

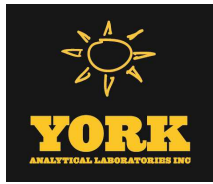
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 10/28/2024





Sample Information

Client Sample ID: SV-2 20241008

York Sample ID: 24J0597-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24J0597

20230102

Soil Vapor

October 8, 2024 10:25 am

10/09/2024

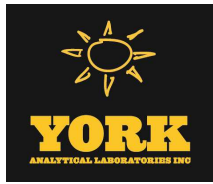
Volatile Organics, EPA TO15 Full List

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	19		ug/m ³	9.5	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	12		ug/m ³	7.5	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	21		ug/m ³	9.5	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		ug/m ³	11	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	7.5	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	6.7		ug/m ³	5.6	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	5.5		ug/m ³	1.4	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	16		ug/m ³	10	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	36		ug/m ³	6.8	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	24		ug/m ³	11	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	14		ug/m ³	8.3	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.6	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	15		ug/m ³	6.4	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	9.6	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	20		ug/m ³	6.8	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	20		ug/m ³	9.1	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	17		ug/m ³	8.3	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	13		ug/m ³	6.4	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	17		ug/m ³	8.3	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	9.9	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	* 2,2,4-Trimethylpentane	15		ug/m ³	3.2	13.78	EPA TO-15	10/16/2024 08:00	10/16/2024 17:44	YR
							Certifications:			



Sample Information

Client Sample ID: SV-2 20241008

York Sample ID: 24J0597-02

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:25 am

Date Received

10/09/2024

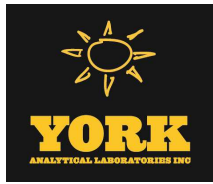
Volatile Organics, EPA TO15 Full List

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
78-93-3	2-Butanone	28		ug/m ³	4.1	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	11	13.78	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 17:44	YR
107-05-1	3-Chloropropene	ND		ug/m ³	22	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
108-10-1	4-Methyl-2-pentanone	13		ug/m ³	5.6	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
67-64-1	Acetone	450		ug/m ³	6.5	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
107-13-1	Acrylonitrile	3.9		ug/m ³	3.0	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
71-43-2	Benzene	19		ug/m ³	4.4	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
100-44-7	Benzyl chloride	7.1	TO-LCS -L	ug/m ³	7.1	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
75-27-4	Bromodichloromethane	20		ug/m ³	9.2	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
75-25-2	Bromoform	17	ICVE, TO-LCS -L	ug/m ³	14	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
74-83-9	Bromomethane	5.4		ug/m ³	5.4	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
75-15-0	Carbon disulfide	160		ug/m ³	4.3	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
56-23-5	Carbon tetrachloride	13		ug/m ³	2.2	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
108-90-7	Chlorobenzene	29		ug/m ³	6.3	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
75-00-3	Chloroethane	ND		ug/m ³	3.6	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
67-66-3	Chloroform	17		ug/m ³	6.7	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
74-87-3	Chloromethane	7.4		ug/m ³	2.8	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
156-59-2	cis-1,2-Dichloroethylene	7.1		ug/m ³	1.4	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
10061-01-5	cis-1,3-Dichloropropylene	12		ug/m ³	6.3	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
110-82-7	Cyclohexane	63		ug/m ³	4.7	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
124-48-1	Dibromochloromethane	20	ICVE, TO-LCS -L	ug/m ³	12	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR



Sample Information

Client Sample ID: SV-2 20241008

York Sample ID: 24J0597-02

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:25 am

Date Received

10/09/2024

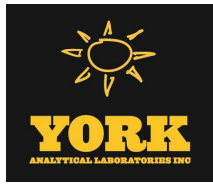
Volatile Organics, EPA TO15 Full List

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
75-71-8	Dichlorodifluoromethane	8.2		ug/m ³	6.8	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	9.9	13.78	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 17:44	YR
100-41-4	Ethyl Benzene	210		ug/m ³	6.0	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
87-68-3	Hexachlorobutadiene	34		ug/m ³	15	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
67-63-0	Isopropanol	ND		ug/m ³	6.8	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
80-62-6	Methyl Methacrylate	39		ug/m ³	5.6	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.0	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
75-09-2	Methylene chloride	12		ug/m ³	9.6	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
91-20-3	* Naphthalene	ND		ug/m ³	14	13.78	EPA TO-15 Certifications: NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
142-82-5	n-Heptane	26		ug/m ³	5.6	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
110-54-3	n-Hexane	24		ug/m ³	4.9	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
95-47-6	o-Xylene	170		ug/m ³	6.0	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
179601-23-1	p- & m- Xylenes	560		ug/m ³	12	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
622-96-8	* p-Ethyltoluene	40		ug/m ³	6.8	13.78	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 17:44	YR
115-07-1	* Propylene	ND		ug/m ³	2.4	13.78	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 17:44	YR
100-42-5	Styrene	17		ug/m ³	5.9	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
127-18-4	Tetrachloroethylene	25		ug/m ³	9.3	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
109-99-9	* Tetrahydrofuran	13		ug/m ³	8.1	13.78	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 17:44	YR
108-88-3	Toluene	70		ug/m ³	5.2	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
156-60-5	trans-1,2-Dichloroethylene	6.0		ug/m ³	5.5	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
10061-02-6	trans-1,3-Dichloropropylene	11		ug/m ³	6.3	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
79-01-6	Trichloroethylene	16		ug/m ³	1.9	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR



Sample Information

Client Sample ID: SV-2 20241008

York Sample ID: 24J0597-02

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:25 am

Date Received

10/09/2024

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
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	7.7	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
108-05-4	Vinyl acetate	5.8	ICVE, TO-LCS -L	ug/m ³	4.9	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
593-60-2	Vinyl bromide	ND		ug/m ³	6.0	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR
75-01-4	Vinyl Chloride	3.9		ug/m ³	1.8	13.78	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 17:44	YR

Sample Information

Client Sample ID: SV-3 20241008

York Sample ID: 24J0597-03

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:28 am

Date Received

10/09/2024

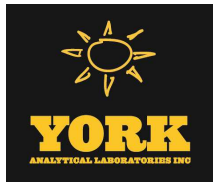
Volatile Organics, EPA TO15 Full List

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	2.0	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
71-55-6	1,1,1-Trichloroethane	2.4		ug/m ³	1.6	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.0	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.3	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.6	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-35-4	1,1-Dichloroethylene	0.47		ug/m ³	0.30	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
120-82-1	1,2,4-Trichlorobenzene	2.9		ug/m ³	2.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
95-63-6	1,2,4-Trimethylbenzene	23		ug/m ³	1.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.3	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.8	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR



Sample Information

Client Sample ID: SV-3 20241008

York Sample ID: 24J0597-03

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:28 am

Date Received

10/09/2024

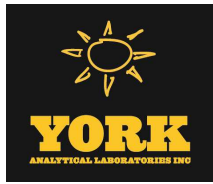
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.4	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
76-14-2	1,2-Dichlorotetrafluoroethane	2.1		ug/m ³	2.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
108-67-8	1,3,5-Trimethylbenzene	5.9		ug/m ³	1.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	2.0	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.8	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.4	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.8	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	2.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
540-84-1	* 2,2,4-Trimethylpentane	2.8		ug/m ³	0.70	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
78-93-3	2-Butanone	9.6		ug/m ³	0.88	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	2.4	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
107-05-1	3-Chloropropene	ND		ug/m ³	4.7	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
108-10-1	4-Methyl-2-pentanone	4.2		ug/m ³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
67-64-1	Acetone	190		ug/m ³	1.4	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.65	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
71-43-2	Benzene	3.2		ug/m ³	0.95	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	1.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	2.0	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-25-2	Bromoform	ND	ICVE, TO-LCS -L	ug/m ³	3.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
74-83-9	Bromomethane	ND		ug/m ³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-15-0	Carbon disulfide	2.1		ug/m ³	0.93	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
56-23-5	Carbon tetrachloride	1.3		ug/m ³	0.47	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR



Sample Information

Client Sample ID: SV-3 20241008

York Sample ID: 24J0597-03

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:28 am

Date Received

10/09/2024

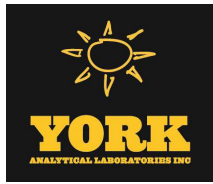
Volatile Organics, EPA TO15 Full List

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
108-90-7	Chlorobenzene	1.9		ug/m ³	1.4	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-00-3	Chloroethane	ND		ug/m ³	0.79	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
67-66-3	Chloroform	1.7		ug/m ³	1.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
74-87-3	Chloromethane	0.68		ug/m ³	0.62	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
156-59-2	cis-1,2-Dichloroethylene	0.83		ug/m ³	0.30	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.4	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
110-82-7	Cyclohexane	1.6		ug/m ³	1.0	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
124-48-1	Dibromochloromethane	ND	ICVE, TO-LCS -L	ug/m ³	2.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-71-8	Dichlorodifluoromethane	4.1		ug/m ³	1.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	2.2	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
100-41-4	Ethyl Benzene	61		ug/m ³	1.3	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
87-68-3	Hexachlorobutadiene	6.1		ug/m ³	3.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
67-63-0	Isopropanol	2.3		ug/m ³	1.5	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-09-2	Methylene chloride	2.4		ug/m ³	2.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
91-20-3	* Naphthalene	4.2		ug/m ³	3.1	2.986	EPA TO-15 Certifications: NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
142-82-5	n-Heptane	4.4		ug/m ³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
110-54-3	n-Hexane	4.3		ug/m ³	1.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
95-47-6	o-Xylene	29		ug/m ³	1.3	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
179601-23-1	p- & m- Xylenes	96		ug/m ³	2.6	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
622-96-8	* p-Ethyltoluene	25		ug/m ³	1.5	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR



Sample Information

Client Sample ID: SV-3 20241008			York Sample ID: 24J0597-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0597	20230102	Soil Vapor	October 8, 2024 10:28 am	10/09/2024	

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
115-07-1	* Propylene	ND		ug/m³	0.51	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
100-42-5	Styrene	2.2		ug/m³	1.3	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
127-18-4	Tetrachloroethylene	6.1		ug/m³	2.0	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
109-99-9	* Tetrahydrofuran	2.1		ug/m³	1.8	2.986	EPA TO-15 Certifications:	10/16/2024 13:29	10/17/2024 06:03	YR
108-88-3	Toluene	38		ug/m³	1.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.2	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
79-01-6	Trichloroethylene	1.1		ug/m³	0.40	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-69-4	Trichlorofluoromethane (Freon 11)	8.7		ug/m³	1.7	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS -L	ug/m³	1.1	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
593-60-2	Vinyl bromide	ND		ug/m³	1.3	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR
75-01-4	Vinyl Chloride	0.53		ug/m³	0.38	2.986	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 13:29	10/17/2024 06:03	YR

Sample Information

Client Sample ID: SV-4 20241008			York Sample ID: 24J0597-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24J0597	20230102	Soil Vapor	October 8, 2024 10:33 am	10/09/2024	

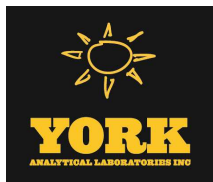
Volatile Organics, EPA TO15 Full List

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/m³	10	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	10	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR



Sample Information

Client Sample ID: SV-4 20241008

York Sample ID: 24J0597-04

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:33 am

Date Received

10/09/2024

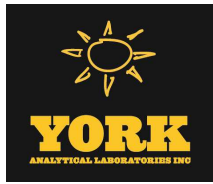
Volatile Organics, EPA TO15 Full List

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	11	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.9	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-35-4	1,1-Dichloroethylene	3.5		ug/m ³	1.5	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
120-82-1	1,2,4-Trichlorobenzene	14		ug/m ³	11	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
95-63-6	1,2,4-Trimethylbenzene	34		ug/m ³	7.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
106-93-4	1,2-Dibromoethane	11		ug/m ³	11	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.9	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	10	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
108-67-8	1,3,5-Trimethylbenzene	13		ug/m ³	7.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	9.7	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.8	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	11	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
540-84-1	* 2,2,4-Trimethylpentane	3400		ug/m ³	3.4	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
78-93-3	2-Butanone	27		ug/m ³	4.3	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	12	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
107-05-1	3-Chloropropene	ND		ug/m ³	23	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
67-64-1	Acetone	300		ug/m ³	7.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR



Sample Information

Client Sample ID: SV-4 20241008

York Sample ID: 24J0597-04

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:33 am

Date Received

10/09/2024

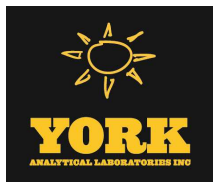
Volatile Organics, EPA TO15 Full List

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
107-13-1	Acrylonitrile	ND		ug/m ³	3.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
71-43-2	Benzene	27		ug/m ³	4.7	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	7.6	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	9.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-25-2	Bromoform	ND	ICVE, TO-LCS -L	ug/m ³	15	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
74-83-9	Bromomethane	ND		ug/m ³	5.7	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-15-0	Carbon disulfide	13		ug/m ³	4.6	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
56-23-5	Carbon tetrachloride	5.5		ug/m ³	2.3	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
108-90-7	Chlorobenzene	ND		ug/m ³	6.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-00-3	Chloroethane	ND		ug/m ³	3.9	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
67-66-3	Chloroform	19		ug/m ³	7.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
74-87-3	Chloromethane	ND		ug/m ³	3.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
156-59-2	cis-1,2-Dichloroethylene	44		ug/m ³	1.5	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
110-82-7	Cyclohexane	700		ug/m ³	5.1	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
124-48-1	Dibromochloromethane	ND	ICVE, TO-LCS -L	ug/m ³	13	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.3	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	11	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
100-41-4	Ethyl Benzene	110		ug/m ³	6.4	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
87-68-3	Hexachlorobutadiene	33		ug/m ³	16	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
67-63-0	Isopropanol	11		ug/m ³	7.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR



Sample Information

Client Sample ID: SV-4 20241008

York Sample ID: 24J0597-04

York Project (SDG) No.
24J0597

Client Project ID
20230102

Matrix
Soil Vapor

Collection Date/Time
October 8, 2024 10:33 am

Date Received
10/09/2024

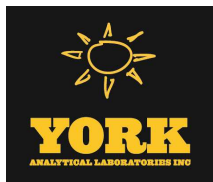
Volatile Organics, EPA TO15 Full List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.3	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-09-2	Methylene chloride	ND		ug/m ³	10	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
91-20-3	* Naphthalene	ND		ug/m ³	15	14.69	EPA TO-15 Certifications: NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
142-82-5	n-Heptane	97		ug/m ³	6.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
110-54-3	n-Hexane	320		ug/m ³	5.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
95-47-6	o-Xylene	110		ug/m ³	6.4	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
179601-23-1	p- & m- Xylenes	290		ug/m ³	13	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
622-96-8	* p-Ethyltoluene	38		ug/m ³	7.2	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
115-07-1	* Propylene	310		ug/m ³	2.5	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
100-42-5	Styrene	8.1		ug/m ³	6.3	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	10	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.7	14.69	EPA TO-15 Certifications:	10/16/2024 08:00	10/16/2024 19:05	YR
108-88-3	Toluene	81		ug/m ³	5.5	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
156-60-5	trans-1,2-Dichloroethylene	11		ug/m ³	5.8	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
79-01-6	Trichloroethylene	ND		ug/m ³	2.0	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.3	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
108-05-4	Vinyl acetate	5.7	ICVE, TO-LCS -L	ug/m ³	5.2	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
593-60-2	Vinyl bromide	ND		ug/m ³	6.4	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR
75-01-4	Vinyl Chloride	180		ug/m ³	1.9	14.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/16/2024 19:05	YR



Sample Information

Client Sample ID: SSV-1 20241008

York Sample ID: 24J0597-05

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:40 am

Date Received

10/09/2024

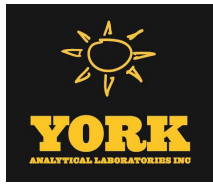
Volatile Organics, EPA TO15 Full List

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	0.95	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
71-55-6	1,1,1-Trichloroethane	1.4		ug/m ³	0.76	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
79-34-5	1,1,2,2-Tetrachloroethane	0.95		ug/m ³	0.95	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.7		ug/m ³	1.1	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.76	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
75-34-3	1,1-Dichloroethane	0.62		ug/m ³	0.56	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
75-35-4	1,1-Dichloroethylene	0.60		ug/m ³	0.14	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
120-82-1	1,2,4-Trichlorobenzene	1.5		ug/m ³	1.0	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
95-63-6	1,2,4-Trimethylbenzene	17		ug/m ³	0.68	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
106-93-4	1,2-Dibromoethane	1.1		ug/m ³	1.1	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.83	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.56	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
78-87-5	1,2-Dichloropropane	0.71		ug/m ³	0.64	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
76-14-2	1,2-Dichlorotetrafluoroethane	1.2		ug/m ³	0.97	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
108-67-8	1,3,5-Trimethylbenzene	4.1		ug/m ³	0.68	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
106-99-0	1,3-Butadiene	1.6		ug/m ³	0.92	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
541-73-1	1,3-Dichlorobenzene	0.92		ug/m ³	0.83	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
142-28-9	* 1,3-Dichloropropane	0.64		ug/m ³	0.64	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
106-46-7	1,4-Dichlorobenzene	0.92		ug/m ³	0.83	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
123-91-1	1,4-Dioxane	ND	TO-CC V	ug/m ³	1.0	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
540-84-1	* 2,2,4-Trimethylpentane	9.8		ug/m ³	0.32	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
78-93-3	2-Butanone	3.2		ug/m ³	0.41	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR



Sample Information

Client Sample ID: SSV-1 20241008

York Sample ID: 24J0597-05

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:40 am

Date Received

10/09/2024

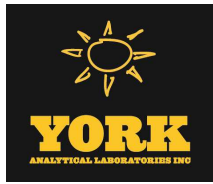
Volatile Organics, EPA TO15 Full List

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	1.1	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.2	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
108-10-1	4-Methyl-2-pentanone	0.63		ug/m ³	0.57	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
67-64-1	Acetone	48		ug/m ³	0.66	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
107-13-1	Acrylonitrile	20		ug/m ³	0.30	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
71-43-2	Benzene	9.7		ug/m ³	0.44	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	0.72	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-27-4	Bromodichloromethane	1.1		ug/m ³	0.93	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-25-2	Bromoform	ND	ICVE, TO-LCS -L	ug/m ³	1.4	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
74-83-9	Bromomethane	0.59		ug/m ³	0.54	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-15-0	Carbon disulfide	2.0		ug/m ³	0.43	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
56-23-5	Carbon tetrachloride	1.1		ug/m ³	0.22	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
108-90-7	Chlorobenzene	0.77		ug/m ³	0.64	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-00-3	Chloroethane	0.40		ug/m ³	0.37	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
67-66-3	Chloroform	0.95		ug/m ³	0.68	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
74-87-3	Chloromethane	0.77		ug/m ³	0.29	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
156-59-2	cis-1,2-Dichloroethylene	1.1		ug/m ³	0.14	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
10061-01-5	cis-1,3-Dichloropropylene	0.63		ug/m ³	0.63	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
110-82-7	Cyclohexane	4.4		ug/m ³	0.48	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
124-48-1	Dibromochloromethane	ND	ICVE, TO-LCS -L	ug/m ³	1.2	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-71-8	Dichlorodifluoromethane	3.9		ug/m ³	0.69	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR



Sample Information

Client Sample ID: SSV-1 20241008

York Sample ID: 24J0597-05

York Project (SDG) No.

24J0597

Client Project ID

20230102

Matrix

Soil Vapor

Collection Date/Time

October 8, 2024 10:40 am

Date Received

10/09/2024

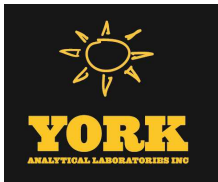
Volatile Organics, EPA TO15 Full List

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
141-78-6	* Ethyl acetate	1.1		ug/m ³	1.0	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
100-41-4	Ethyl Benzene	32		ug/m ³	0.60	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
87-68-3	Hexachlorobutadiene	2.8		ug/m ³	1.5	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
67-63-0	Isopropanol	1.4		ug/m ³	0.68	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.57	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.50	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-09-2	Methylene chloride	ND		ug/m ³	0.96	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
91-20-3	* Naphthalene	4.1		ug/m ³	1.5	1.387	EPA TO-15 Certifications: NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
142-82-5	n-Heptane	5.7		ug/m ³	0.57	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
110-54-3	n-Hexane	14		ug/m ³	0.49	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
95-47-6	o-Xylene	14		ug/m ³	0.60	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
179601-23-1	p- & m- Xylenes	39		ug/m ³	1.2	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
622-96-8	* p-Ethyltoluene	17		ug/m ³	0.68	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
115-07-1	* Propylene	13		ug/m ³	0.24	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
100-42-5	Styrene	1.2		ug/m ³	0.59	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
127-18-4	Tetrachloroethylene	1.0		ug/m ³	0.94	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
109-99-9	* Tetrahydrofuran	2.7		ug/m ³	0.82	1.387	EPA TO-15 Certifications:	10/16/2024 08:00	10/17/2024 06:43	YR
108-88-3	Toluene	32		ug/m ³	0.52	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
156-60-5	trans-1,2-Dichloroethylene	0.60		ug/m ³	0.55	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
10061-02-6	trans-1,3-Dichloropropylene	0.63		ug/m ³	0.63	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
79-01-6	Trichloroethylene	9.6		ug/m ³	0.19	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-69-4	Trichlorofluoromethane (Freon 11)	2.5		ug/m ³	0.78	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR



Sample Information

Client Sample ID: SSV-1 20241008		York Sample ID: 24J0597-05			
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
24J0597	20230102	Soil Vapor	October 8, 2024 10:40 am	10/09/2024	

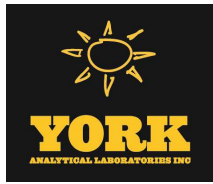
Volatile Organics, EPA TO15 Full List

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
108-05-4	Vinyl acetate	0.63	ICVE, TO-LCS -L	ug/m³	0.49	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
593-60-2	Vinyl bromide	0.61		ug/m³	0.61	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR
75-01-4	Vinyl Chloride	0.32		ug/m³	0.18	1.387	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/16/2024 08:00	10/17/2024 06:43	YR



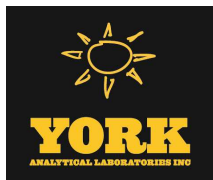
Analytical Batch Summary

Batch ID: BJ41188

Preparation Method: EPA TO15 PREP

Prepared By: YR

YORK Sample ID	Client Sample ID	Preparation Date
24J0597-02	SV-2 20241008	10/16/24
24J0597-03	SV-3 20241008	10/16/24
24J0597-04	SV-4 20241008	10/16/24
24J0597-05	SSV-1 20241008	10/16/24
BJ41188-BS1	LCS	10/16/24



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

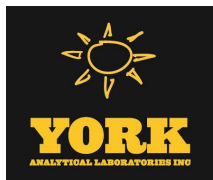
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ41188 - EPA TO15 PREP

LCS (BJ41188-BS1)

Prepared & Analyzed: 10/16/2024

1,1,1,2-Tetrachloroethane	9.59		ppbv	10.0		95.9	70-130				
1,1,1-Trichloroethane	9.42		"	10.0		94.2	70-130				
1,1,2,2-Tetrachloroethane	9.10		"	10.0		91.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.40		"	10.0		94.0	70-130				
1,1,2-Trichloroethane	9.77		"	10.0		97.7	70-130				
1,1-Dichloroethane	8.61		"	10.0		86.1	70-130				
1,1-Dichloroethylene	8.76		"	10.0		87.6	70-130				
1,2,4-Trichlorobenzene	7.25		"	10.0		72.5	70-130				
1,2,4-Trimethylbenzene	9.74		"	10.0		97.4	70-130				
1,2-Dibromoethane	9.54		"	10.0		95.4	70-130				
1,2-Dichlorobenzene	8.18		"	10.0		81.8	70-130				
1,2-Dichloroethane	8.83		"	10.0		88.3	70-130				
1,2-Dichloropropane	9.11		"	10.0		91.1	70-130				
1,2-Dichlorotetrafluoroethane	8.92		"	10.0		89.2	70-130				
1,3,5-Trimethylbenzene	9.54		"	10.0		95.4	70-130				
1,3-Butadiene	8.87		"	10.0		88.7	70-130				
1,3-Dichlorobenzene	9.91		"	10.0		99.1	70-130				
1,3-Dichloropropane	8.88		"	10.0		88.8	70-130				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	70-130				
1,4-Dioxane	8.86		"	10.0		88.6	70-130				
2,2,4-Trimethylpentane	9.68		"	10.0		96.8	70-130				
2-Butanone	8.27		"	10.0		82.7	70-130				
2-Hexanone	8.83		"	10.0		88.3	70-130				
3-Chloropropene	8.66		"	10.0		86.6	70-130				
4-Methyl-2-pentanone	8.59		"	10.0		85.9	70-130				
Acetone	8.61		"	10.0		86.1	70-130				
Acrylonitrile	8.45		"	10.0		84.5	70-130				
Benzene	9.28		"	10.0		92.8	70-130				
Benzyl chloride	6.92		"	10.0		69.2	70-130	Low Bias			
Bromodichloromethane	9.42		"	10.0		94.2	70-130				
Bromoform	1.29		"	10.0		12.9	70-130	Low Bias			
Bromomethane	9.16		"	10.0		91.6	70-130				
Carbon disulfide	8.90		"	10.0		89.0	70-130				
Carbon tetrachloride	8.68		"	10.0		86.8	70-130				
Chlorobenzene	9.18		"	10.0		91.8	70-130				
Chloroethane	8.89		"	10.0		88.9	70-130				
Chloroform	9.12		"	10.0		91.2	70-130				
Chloromethane	8.35		"	10.0		83.5	70-130				
cis-1,2-Dichloroethylene	8.94		"	10.0		89.4	70-130				
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130				
Cyclohexane	8.95		"	10.0		89.5	70-130				
Dibromochloromethane	4.91		"	10.0		49.1	70-130	Low Bias			
Dichlorodifluoromethane	9.16		"	10.0		91.6	70-130				
Ethyl acetate	9.85		"	10.0		98.5	70-130				
Ethyl Benzene	9.16		"	10.0		91.6	70-130				
Hexachlorobutadiene	8.16		"	10.0		81.6	70-130				
Isopropanol	8.23		"	10.0		82.3	70-130				
Methyl Methacrylate	9.05		"	10.0		90.5	70-130				
Methyl tert-butyl ether (MTBE)	9.22		"	10.0		92.2	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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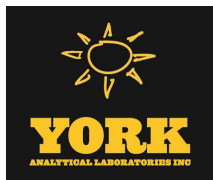
Batch BJ41188 - EPA TO15 PREP

LCS (BJ41188-BS1)

Prepared & Analyzed: 10/16/2024

Methylene chloride	8.75		ppbv	10.0		87.5	70-130				
Naphthalene	7.55		"	10.0		75.5	70-130				
n-Heptane	8.98		"	10.0		89.8	70-130				
n-Hexane	9.02		"	10.0		90.2	70-130				
o-Xylene	9.51		"	10.0		95.1	70-130				
p- & m- Xylenes	19.3		"	20.0		96.7	70-130				
p-Ethyltoluene	9.70		"	10.0		97.0	70-130				
Propylene	8.08		"	10.0		80.8	70-130				
Styrene	10.3		"	10.0		103	70-130				
Tetrachloroethylene	9.61		"	10.0		96.1	70-130				
Tetrahydrofuran	8.42		"	10.0		84.2	70-130				
Toluene	9.26		"	10.0		92.6	70-130				
trans-1,2-Dichloroethylene	8.94		"	10.0		89.4	70-130				
trans-1,3-Dichloropropylene	9.20		"	10.0		92.0	70-130				
Trichloroethylene	9.27		"	10.0		92.7	70-130				
Trichlorofluoromethane (Freon 11)	9.39		"	10.0		93.9	70-130				
Vinyl acetate	5.50		"	10.0		55.0	70-130	Low Bias			
Vinyl bromide	9.60		"	10.0		96.0	70-130				
Vinyl Chloride	8.09		"	10.0		80.9	70-130				





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2" Hg. The optimum pressure range for constant flow rate is full vacuum to -2" Hg. Bias is not suspected provided there was constant flow to the can to 75% full.
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-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

Definitions and Other Explanations

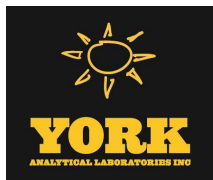
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.



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

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



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Field Chain-of-Custody Record - AIR

YORK Project No.

240591

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: PVE ENGINEERING	Company: SAME	Company: SAME	20230102		RUSH - Next Day		
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Address: SAME	Address: SAME	YOUR Project Name		RUSH - Two Day		
Phone: 845-454-2544	Phone: SAME	Phone: SAME	20230102		RUSH - Three Day		
Contact: A. SPADAVECCHIA	Contact: CONOR TARBELL	Contact: TARA ALVARADO	YOUR PO#: 20230102		RUSH - Four Day		
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: CTARBELL@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	Standard (5-7 Day) X				
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.	
		AI - Indoor Ambient Air	New York X	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 DQA/DUE	EQulS (Standard)			
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQulS			
AS - Soil Vapor/Sub-Slab	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite			
Other:							
Samples Collected by: (print your name above and sign below)							
Anthony J. Spadavecchia							
Certified Canisters: Batch Individual		Please enter the following REQUIRED Field Data				Reporting Units: ug/m ³ ppbv ppmv	
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
SV-1 20241008	10-08-24/1021	AS	-30"	-2"	34497	7418	TO-15
SV-2 20241008	11/1025	AS	-29"	-1"	20944	6874	
SV-3 20241008	11/1028	AS	-29.5"	-3"	49575	19415	
SV-4 20241008	11/1033	AS	-30" +	-3"	16956	20232	
SSV-1 20241008	11/1040	AS	-30"	-2"	48301	5119	
* AI-1 20241008	11/1042	AI	-30"	-2"	48312	20426	
SSV-2 20241008	11/1047	AS	-30" +	-3"	43005	19423	
* AI-2 20241008	11/1048	AI	-30"	-2"	18296	20442	
Comments: *PLEASE HOLD BOTH AI SAMPLES		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	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time		
Anthony J. Spadavecchia / PVE	10-09-24/8:10	Chris C	10-9-24 8:10	Chris C	10-9-24 15:10		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time		
NCCG	10/9/24 15:10	NCCG	10/09/24				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time		
				WPH	10/10/24		