

July 2, 2024

Mountco Construction & Development
ATTN: Richard Caruso
700 White Plains Road, Suite 363
Scarsdale, New York 10583

Re: **Phase II Environmental Site Assessment;** Parcel B & Portion of Parcel A, 41 North 2nd Street, City of Hudson, Columbia County, New York 12534
Tax ID #109.35-2-19 – Parcel B (Approx. 1.4 acres)
Tax ID #109.35-2-19 – Portion of Parcel A (Approx. 0.76 acres)
PVE File #20240218

Dear Mr. Caruso:

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 May 15, 2024, for the above referenced property (Figures 1 & 2). Below is a summary of field activities, analytical data, and recommendations.

1.0 INTRODUCTION

PVE reviewed a Phase I ESA prepared by SESI Consulting Engineers (SESI) for "Parcel A" of the subject property dated August 2023. This ESA identified the following Recognized Environmental Conditions:

1. Historic Furniture Manufacturing - Based on the EDR database, a historic manufacturing facility was documented in the 1923 map at the site.
2. Historic Junk Yard - Based on the EDR database, a historic junk yard was documented between 1949 and 1961 at the Site.
3. Historic Filling Station - Based on the EDR database review, a filling station was documented in the 1961 map at the Site. Further investigation is warranted for this REC.

PVE reviewed a Phase I ESA prepared by SESI Consulting Engineers (SESI) for the subject property dated August 2023. The following Recognized Environmental Conditions (RECs) were identified in the Phase I ESA:

1. Historic Junk Yard – Based on the User Questionnaire, the site may have been utilized as a junk yard prior to 1965. Further investigation is warranted for the REC.

Further, the historic Sandborn Fire Insurance Map review portion of the ESA identified C.H. Evans (Brewery) Malt House and a kiln on the subject property and a cooperage, icehouse with ammonia tanks, and junk yard on an adjoining, topographically up-gradient, property (known as parcel A).

PVE understands the client is interested in pursuing the New York State Department of Environmental Conservation (NYSEC) Brownfield Cleanup Program (BCP) for the remediation and redevelopment of this property. As such, PVE proposed a Phase II ESA to assess impacts to the subject property, if any. Below is a summary of field activities, analytical data, and conclusions/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. Geophysical field activities were completed on June 6, 2024; sample locations were adjusted accordingly. No anomalies warranting bias sampling locations were observed in the areas scanned.

2.2 Soil Borings and Sample Collection

PVE completed a total of fourteen (14) soil borings throughout the subject property (Figure 3) from June 11 to June 13, 2024. 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. Soil borings were advanced to a maximum depth of 24.0-feet below ground surface (bgs).

The project scientist kept a detailed log of each core including lithology, grain size, stratigraphic changes, color, moisture content and the occurrence of refusal. 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) to two (2) soil samples from each of the soil borings for a total of twenty (20) 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 State Environmental Protection Agency (USEPA) Method 8260;
- Commissioner Policy-51 (CP-51) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- RCRA Metals via USEPA Method 6010/7473;
- Part 375 List Pesticides via USEPA Method 8081 (6 shallow locations/samples); &
- Polychlorinated Biphenyls (PCBs) via USEPA Method 8082 (6 locations/samples).

Soil borings are summarized below:

Boring SB-1 was advanced to 24.0 feet bgs. Soil consisted of dark gray silt, with clay, and fill. Fill material consisted of crushed brick 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 to 20.0 feet bgs. Soil consisted of brown fine, medium, coarse sand, some silt, with gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-1.0 feet bgs for laboratory analysis.

Boring SB-3 was advanced to 16.0 feet bgs. Soil consisted of brown/light brown silt, with clay. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 2.0-3.0 feet bgs for laboratory analysis.

Boring SB-4 was advanced via to 16.0 feet bgs. Soil consisted of brown fine, medium, coarse sand, some silt, some gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 2.0-3.0 feet bgs for laboratory analysis.

Boring SB-5 was advanced to 12.0 feet bgs. Soil consisted of brown fine, medium sand, with silt, some gravel, comingled with fill. Fill material consisted of glass, brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 1.0-3.0 feet bgs for laboratory analysis.

Boring SB-6 was advanced to 8.0 feet bgs. Soil consisted of brown fine, medium sand, with silt, some gravel, comingled with fill. Fill material consisted of brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-2.0 feet bgs for laboratory analysis.

Boring SB-7 was advanced to 24.0 feet bgs. Soil consisted of olive gray clay, with silt, comingled with fill. Fill material consisted of glass, brick, coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 12.0-16.0 feet bgs for laboratory analysis.

Boring SB-8 was advanced to 16.0 feet bgs. Soil consisted of dark brown silt, with fine sand, some gravel, comingled with fill. Fill material consisted of brick fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis.

Boring SB-9 was advanced to 18.4 feet bgs. Soil consisted of brown silt, with clay, with fine, medium sand, comingled with fill. Fill material consisted of brick and brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 16.0-18.0 feet bgs for laboratory analysis.

Boring SB-10 was advanced to 12.0 feet bgs. Soil consisted of dark brown silt, some clay, little fine sand, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 5.0-6.0 feet bgs for laboratory analysis.

Boring SB-11 was advanced to 16.0 feet bgs. Soil consisted of dark brown silt, with fine, medium sand, comingled with fill. Fill material consisted of brick, coal and coal ash. Groundwater was encountered at 12.0 feet bgs ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 10.0-12.0 feet bgs for laboratory analysis. SB-11 was converted into temporary monitoring well TMW-1.

Boring SB-12 was advanced to 16.0 feet bgs. Soil consisted of dark brown, fine and medium sand, with silt, little gravel, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was not encountered ATD. An elevated PID reading of 43.6ppm was observed at interval 8.0-9.0 feet. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 8.0-9.0 feet bgs for laboratory analysis.

Boring SB-13 was advanced to 24.0 feet bgs. Soil consisted of brown silt with clay, comingled with fill. Fill material consisted of coal fragments and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 11.0-12.0 feet bgs for laboratory analysis.

Boring SB-14 was advanced to 12.0 feet bgs. Soil consisted of brown silt, some fine, medium, coarse sand to brown silt with clay, comingled with fill. Fill material consisted of brick, coal fragments and ash. Groundwater was not

encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-6.0-inch bgs for laboratory analysis and one (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis.

Soil borings were backfilled with native cuttings and clean sand (as necessary). Borings through asphalt were repaired with cold patch.

2.3 Temporary Monitoring Well Installation and Sampling

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

ID/Location	Date of Drilling	Bottom of Boring (below grade)	Occurrence of Groundwater (below grade)
TMW-1 / SB-11	06/12/2024	16.0-feet	12.0-feet at time of drilling; static at 13.38-feet

The temporary monitoring well was constructed of 1-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser. After sampling, the well was removed and the borehole was backfilled with drill cuttings and sand.

On June 13, 2024, one (1) groundwater sample was collected from the one (1) temporary monitoring well using a peristaltic pump and dedicated tubing. Additionally, PVE collected one (1) groundwater sample from a preexisting monitoring well on the subject property, on June 11, 2024. 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;
- CP-51 SVOCs via USEPA Method 8270;
- RCRA Metals via USEPA Method 6010/7473; &
- PCBs via USEPA Method 8082 (MW-1 only).

2.4 Vapor Sampling

A total of six (6) vapor samples were collected throughout the subject property. Five (5) 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. One (1) sub-slab soil vapor sample was 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. 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 1-5, 6-9, and 10, respectively. Analytical reports are attached.

3.1 Soil Samples

Analytical results from soil samples are summarized in Table 1-5 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 sample locations.

3.1.1 VOCs

One (1) VOC (acetone) was detected in six (6) of the fourteen (14) soil samples collected and analyzed. Acetone was detected in two (2) samples at concentrations exceeding UUSCOs; acetone was not detected in either sample at concentrations exceeding RRSCOs. Exceedances are defined below:

- SB-1 (3-4-feet)
 - Acetone (0.073 mg/kg)
- SB-12 (8-9-feet)
 - Acetone (0.33 mg/kg)

3.1.2 SVOCs

SVOCs were detected in twelve (12) of the fourteen (14) soil samples collected and analyzed. SVOCs were detected in three (3) of the twelve (12) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-10 (5-6-feet)
 - **Benzo(b)fluoranthene (1.2 mg/kg)**
 - **Indeno(1,2,3-cd)pyrene (0.66 mg/kg)**
- SB-11 (2-6-feet)
 - **Benzo(a)pyrene (1.1 mg/kg)**
 - **Benzo(b)fluoranthene (1.4 mg/kg)**
 - **Indeno(1,2,3-cd)pyrene (0.83 mg/kg)**
- SB-13 (11-12-feet)
 - **Benzo(a)Anthracene (1.3 mg/kg)**
 - Benzo(k)fluoranthene (0.84 mg/kg)
 - **Indeno(1,2,3-cd)pyrene (0.65 mg/kg)**

Bold font indicates RRSCO exceedance.

3.1.3 Metals

Metals were detected in all fourteen (14) soil samples collected and analyzed. Metals were detected in thirteen (13) of the fourteen (14) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-1 (3-4-feet)
 - **Lead (440 mg/kg)**
 - Selenium (4.75 mg/kg)
 - **Mercury (0.844 mg/kg)**
- SB-2 (0.5-1-feet)
 - Selenium (4.26 mg/kg)
- SB-3 (0.5-1-feet)
 - Selenium (5.58 mg/kg)
- SB-5 (1-3-feet)
 - Arsenic (14.4 mg/kg)
 - Lead (147 mg/kg)
 - Mercury (0.459 mg/kg)
- SB-6 (0.5-2-feet)
 - **Arsenic (21.6 mg/kg)**
 - **Barium (508 mg/kg)**
 - Cadmium (2.88 mg/kg)
 - **Lead (1,060 mg/kg)**
 - **Mercury (1.01 mg/kg)**
- SB-7 (12-16-feet)
 - Lead (173 mg/kg)
 - Selenium (4.07 mg/kg)
 - Mercury (0.880 mg/kg)
- SB-8 (4-6-feet)
 - Arsenic (14.1 mg/kg)
 - Lead (329 mg/kg)
 - Selenium (4.26 mg/kg)
 - Mercury (0.620 mg/kg)
- SB-9 (5-8-feet)
 - Arsenic (14.5 mg/kg)
 - Lead (257 mg/kg)
 - Mercury (0.790 mg/kg)
- SB-10 (5-6-feet)
 - **Arsenic (17.9 mg/kg)**
 - Lead (273 mg/kg)
 - **Mercury (0.944 mg/kg)**
- SB-11 (10-12-feet)
 - **Arsenic (40.1 mg/kg)**
 - **Barium (535 mg/kg)**
 - Chromium, Total (34.9 mg/kg)
 - **Lead (735 mg/kg)**
 - Selenium (6.56 mg/kg)
 - **Mercury (1.35 mg/kg)**
- SB-12 (8-9-feet)
 - **Arsenic (28.6 mg/kg)**
 - Lead (333 mg/kg)
 - Mercury (0.444 mg/kg)

- SB-13 (11-12-feet)
 - **Arsenic (38.5 mg/kg)**
 - **Barium (550 mg/kg)**
 - Chromium, Total (54.6 mg/kg)
 - **Lead (412 mg/kg)**
 - Selenium (7.41 mg/kg)
 - Mercury (0.348 mg/kg)
- SB-14 (4-8-feet)
 - Lead (350 mg/kg)
 - Mercury (0.539 mg/kg)

Bold font indicates RRSCO exceedance.

3.1.4 Pesticides

Pesticides were not detected in any of the six (6) soil samples collected for analysis of pesticides.

3.1.5 PCBs

PCBs were not detected in any of the six (6) soil samples collected for analysis of PCBs.

3.2 Groundwater Samples

Groundwater sample results are summarized in Table 6-9 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 both groundwater samples collected and analyzed. No VOCs were detected at concentrations exceeding Class GA GQS.

3.2.2 SVOCs

SVOCs were not detected in either groundwater sample collected for analysis.

3.2.3 Metals

Metals were detected in both groundwater samples collected and analyzed. One (1) metal was detected at a concentration exceeding its Class GA GQS. The exceedance is defined below:

- TWM-1
 - Selenium (0.0115 mg/L)

3.2.4 PCBs

PCBs were not detected in the groundwater sample collected for analysis of PCBs.

3.3 Vapor Samples

Analytical results from soil vapor samples are summarized in Table 10 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
 - o 1,2,4-Trimethylbenzene (29 µg/m³)
 - o 1,3,5-Trimethylbenzene (Mesitylene) (8.6 µg/m³)
 - o 2,2,4-Trimethylpentane (3.41 µg/m³)
 - o Benzene (19 µg/m³)
 - o Cyclohexane (12 µg/m³)
 - o Ethylbenzene (60 µg/m³)
 - o m,p-Xylene (85 µg/m³)
 - o N-Heptane (14 µg/m³)
 - o N-Hexane (29 µg/m³)
 - o O-Xylene (1,2-Dimethylbenzene) (35 µg/m³)
 - o Toluene (100 µg/m³)
- SV-1
 - o 1,2,4-Trimethylbenzene (29 µg/m³)
 - o 1,3,5-Trimethylbenzene (Mesitylene) (7.4 µg/m³)
 - o 2,2,4-Trimethylpentane (2.82 µg/m³)
 - o Benzene (7.3 µg/m³)
 - o Cyclohexane (2.8 µg/m³)
 - o Ethylbenzene (76 µg/m³)
 - o m,p-Xylene (72 µg/m³)
 - o Naphthalene (5.5 µg/m³)
 - o N-Heptane (8.5 µg/m³)
 - o N-Hexane (12 µg/m³)
 - o O-Xylene (1,2-Dimethylbenzene) (25 µg/m³)
 - o Toluene (60 µg/m³)
 - o Trichloroethylene (TCE) (0.29 µg/m³)
 - o Vinyl Chloride (0.56 µg/m³)
- SV-2
 - o 1,2,4-Trimethylbenzene (25 µg/m³)
 - o 1,3,5-Trimethylbenzene (Mesitylene) (6.5 µg/m³)
 - o 2,2,4-Trimethylpentane (5.18 µg/m³)
 - o Benzene (12 µg/m³)
 - o Cyclohexane (4.5 µg/m³)
 - o Ethylbenzene (88 µg/m³)

- o m,p-Xylene (81 µg/m³)
 - o Naphthalene (3.6 µg/m³)
 - o N-Heptane (9.2 µg/m³)
 - o N-Hexane (11 µg/m³)
 - o O-Xylene (1,2-Dimethylbenzene) (28 µg/m³)
 - o Toluene (79 µg/m³)
 - o Trichloroethylene (TCE) (0.64 µg/m³)
 - o Vinyl Chloride (0.54 µg/m³)
- SV-3
 - o 1,2,4-Trimethylbenzene (26 µg/m³)
 - o 1,3,5-Trimethylbenzene (Mesitylene) (6.5 µg/m³)
 - o 2,2,4-Trimethylpentane (4.79 µg/m³)
 - o Benzene (8.7 µg/m³)
 - o Cyclohexane (13 µg/m³)
 - o Ethylbenzene (75 µg/m³)
 - o m,p-Xylene (77 µg/m³)
 - o Naphthalene (3.5 µg/m³)
 - o N-Heptane (12 µg/m³)
 - o N-Hexane (10 µg/m³)
 - o O-Xylene (1,2-Dimethylbenzene) (26 µg/m³)
 - o Toluene (77 µg/m³)
- SV-4
 - o 1,2,4-Trimethylbenzene (28 µg/m³)
 - o 1,3,5-Trimethylbenzene (Mesitylene) (6.7 µg/m³)
 - o 2,2,4-Trimethylpentane (4.17 µg/m³)
 - o Benzene (19 µg/m³)
 - o Carbon Tetrachloride (0.60 µg/m³)
 - o Cyclohexane (39 µg/m³)
 - o Ethylbenzene (110 µg/m³)
 - o m,p-Xylene (83 µg/m³)
 - o Naphthalene (5.2 µg/m³)
 - o N-Heptane (53 µg/m³)
 - o N-Hexane (96 µg/m³)
 - o O-Xylene (1,2-Dimethylbenzene) (27 µg/m³)
 - o Toluene (78 µg/m³)
- SV-5
 - o 1,2,4-Trimethylbenzene (30 µg/m³)
 - o 1,3,5-Trimethylbenzene (Mesitylene) (7.9 µg/m³)
 - o 2,2,4-Trimethylpentane (5.48 µg/m³)
 - o Benzene (7.0 µg/m³)
 - o Ethylbenzene (100 µg/m³)
 - o m,p-Xylene (100 µg/m³)
 - o N-Heptane (11 µg/m³)
 - o N-Hexane (11 µg/m³)
 - o O-Xylene (1,2-Dimethylbenzene) (34 µg/m³)
 - o Toluene (100 µg/m³)

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

- SSV-1
 - o **Monitor or Mitigate**
- SV-1
 - o **Monitor or Mitigate**
- SV-2
 - o **Monitor or Mitigate**
- SV-3
 - o **Monitor or Mitigate**
- SV-4
 - o **Monitor or Mitigate**
- SV-5
 - o **Monitor or Mitigate**

A co-located ambient indoor air sample would be required to confirm the NYSDOH recommended action at each location. PVE did not collect such indoor air samples as the SSV-1 sample was collected from a garage with chemicals present and the remainder of the samples were collected outside, therefore, the presence of VOCs in indoor air would not necessarily be attributed to a vapor encroachment.

4.0 DISCUSSION and CONCLUSIONS

4.1 Soil

1. Fourteen (14) soil borings were installed throughout the subject property. One (1) to two (2) soil samples were collected from each of the twenty (20) soil borings for laboratory analysis.
2. VOCs were detected in two (2) of the fourteen (14) soil samples at concentrations exceeding UUSCOs.
3. SVOCs were detected in three (3) of the fourteen (14) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
4. Metals were detected in thirteen (13) of the fourteen (14) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
5. Pesticides and PCBs were not detected in soil samples collected and analyzed.

4.2 Groundwater

1. One (1) temporary monitoring well was installed in the subject property. Additionally, PVE sampled a pre-existing monitoring well located in the asphalt parking lot of Parcel B. One (1) groundwater sample was collected from each well for laboratory analysis.
2. VOCs and metals were detected in both groundwater samples. VOCs were not detected at concentrations exceeding Class GA GQS. One (1) metal (selenium) was detected in the TMW located on Parcel B at a concentration exceeding Class GA GQS.
3. SVOCs and PCBs were not detected in groundwater samples collected and analyzed.

4.3 Vapor

1. A total of six (6) soil vapor samples were collected. Petroleum-related compounds and/or chlorinated VOCs were detected in all six (6) soil vapor samples. One petroleum related compound (ethylbenzene) was detected in all six (6) soil vapor samples at concentrations potentially warranting additional actions according to NYSDOH Guidance.

5.0 RECOMMENDATIONS

1. SVOCs and metals were detected in soil samples at concentrations exceeding applicable State Standards and the intended use of the subject property. These concentrations are consistent with historical fill. 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.
 - a. One VOC (acetone) was detected in two (2) soil samples at a concentration exceeding UUSCOs. Acetone is a common laboratory contaminant. PVE does not believe this concentration is representative of soil conditions at the site.
2. Selenium was detected in one (1) groundwater sample at a concentration exceeding applicable State Standards.
3. 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) within the enclosed portions of structures on the subject property to prevent exposure to building occupants.
4. Unconsolidated materials (below surface cover) throughout the subject property (Parcel B) 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.

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

Sincerely,

PVE Engineering

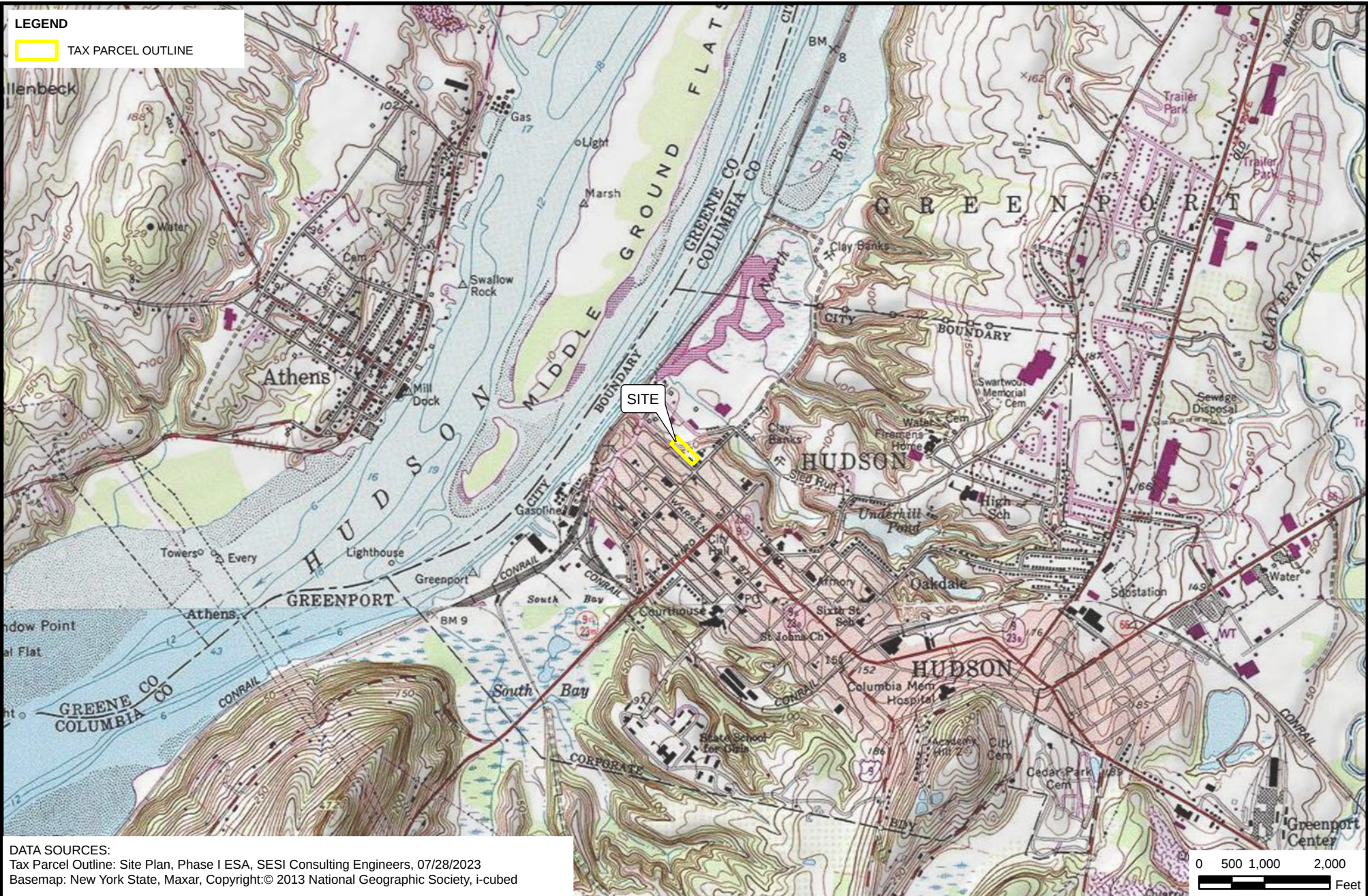


Conor B. Tarbell, QEP
Regional Director of Environmental Services

Attachments:

Figure 1 – Site Location Map
Figure 2 – Selected Site Features
Figure 3 – Sample Location Map
Soil, Groundwater, and Soil Vapor Tables (1 – 10)
Soil Boring Logs
Vapor Logs
Analytical Lab Report

FIGURES



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

SITE LOCATION MAP

PARCEL B, 41 NORTH 2ND STREET
CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO.

20240218



FIGURE 1

DATE: 05/24/2024

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Columbia County, Tax parcel Viewer Map, 03/22/2024
Basemap: New York State, Maxar, New York State, Maxar, Microsoft

 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	SELECTED SITE FEATURES PARCEL A PARTIAL & B, 41 NORTH 2ND STREET CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK	PROJECT NO.	FIGURE 2
		20240218	DATE: 05/24/2024
		N 	SCALE: AS INDICATED
			PROJECTION: STATE PLANE NAD83 NY EAST
			ALL LOCATIONS APPROXIMATE

LEGEND

-  MONITORING WELL
-  SOIL BORING
-  SOIL BORING / TEMPORARY MONITORING WELL
-  SOIL VAPOR

TAX PARCEL OUTLINE

-  PARCEL A PARTIAL
-  PARCEL B



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

SAMPLE LOCATION MAP

PARCEL A PARTIAL & B, 41 NORTH 2ND STREET
CITY OF HUDSON, COLUMBIA COUNTY, NEW YORK

PROJECT NO.

20240218

N



FIGURE 3

DATE: 06/17/2024

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
41 North 2nd Street, Hudson, New York
PVF File #20240218

		Date Sampled		Location		6/11/2024		6/11/2024		6/11/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/20	
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Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UJSOCs) and Restricted Residential Soil Cleanup Objectives (RRSOCs);

Yellow shading designates those compounds detected at concentrations exceeding UJSOCs;

Orange shading designates those compounds detected at concentration exceeding RRSOCs;

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
41 North 2nd Street, Hudson, New York
PVE File #20240218

[illegible]

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC 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 3 - Metals in Soil Samples
Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
41 North 2nd Street, Hudson, New York
PVE File #20240218

		Date Sampled		6/11/2024		6/11/2024		6/11/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/12/2024		6/13/2024		6/13/2024		6/13/2024															
		Location		SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-9		SB-10		SB-11		SB-12		SB-13		SB-14																	
		Sample ID		SB-1-3-4-20240611		SB-2-0-5-1-20240611		SB-3-1-2-20240611		SB-4-1-2-20240612		SB-5-1-3-20240612		SB-6-0-5-2-2-20240612		SB-7-12-16-20240612		SB-8-4-6-2-20240612		SB-9-5-8-2-20240612		SB-10-5-6-2-20240612		SB-11-10-12-20240612		SB-12-8-9-2-20240612		SB-13-11-12-20240613		SB-14-4-8-20240613																	
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	Result	Unit	Q	Result	Unit	Q															
SW6010	Arsenic	7440-38-2	13	16	mg/kg	11.9	mg/kg		7.32	mg/kg		10.2	mg/kg		11.8	mg/kg		14.4	mg/kg		21.6	mg/kg		12.7	mg/kg		14.1	mg/kg		14.5	mg/kg		17.9	mg/kg		40.1	mg/kg		28.6	mg/kg		38.5	mg/kg		12.4	mg/kg	
SW6010	Barium	7440-39-3	390	400	mg/kg	278	mg/kg		78.8	mg/kg		330	mg/kg		86.4	mg/kg		144	mg/kg		508	mg/kg		159	mg/kg		250	mg/kg		197	mg/kg		220	mg/kg		835	mg/kg		187	mg/kg		850	mg/kg		184	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	4.3	mg/kg	0.833	mg/kg		0.523	mg/kg		ND < 0.327	mg/kg	U	0.610	mg/kg		0.421	mg/kg		2.88	mg/kg		0.578	mg/kg		0.885	mg/kg		1.08	mg/kg		1.53	mg/kg		1.13	mg/kg		ND < 0.316	mg/kg	U	ND < 0.339	mg/kg	U	ND < 0.318	mg/kg	U
SW6010	Chromium, Total	7440-47-3	31	290	mg/kg	22.0	mg/kg		17.7	mg/kg		30.0	mg/kg		19.0	mg/kg		9.09	mg/kg		23.3	mg/kg		21.3	mg/kg		21.1	mg/kg		22.2	mg/kg		14.7	mg/kg		34.9	mg/kg		20.0	mg/kg		34.6	mg/kg		20.6	mg/kg	
SW6010	Lead	7439-92-1	63	400	mg/kg	440	mg/kg		30.8	mg/kg		15.9	mg/kg		20.1	mg/kg		147	mg/kg		1060	mg/kg		173	mg/kg		329	mg/kg		257	mg/kg		273	mg/kg		735	mg/kg		333	mg/kg		412	mg/kg		350	mg/kg	
SW6010	Selenium	7782-49-2	3.9	180	mg/kg	4.75	mg/kg		4.26	mg/kg		5.58	mg/kg		3.09	mg/kg		ND < 2.57	mg/kg	U	2.76	mg/kg		4.07	mg/kg		4.26	mg/kg		2.85	mg/kg		ND < 2.56	mg/kg	U	6.56	mg/kg		2.99	mg/kg		7.41	mg/kg		2.74	mg/kg	
SW6010	Silver	7440-22-4	2	180	mg/kg	ND < 0.506	mg/kg	U	ND < 0.464	mg/kg	U	ND < 0.55	mg/kg	U	ND < 0.448	mg/kg	U	ND < 0.518	mg/kg	U	ND < 0.484	mg/kg	U	ND < 0.504	mg/kg	U	ND < 0.479	mg/kg	U	ND < 0.496	mg/kg	U	ND < 0.515	mg/kg	U	ND < 0.529	mg/kg	U	ND < 0.532	mg/kg	U	ND < 0.569	mg/kg	U	ND < 0.534	mg/kg	U
SW7473	Mercury	7439-97-6	0.18	0.81	mg/kg	0.844	mg/kg		0.0399	mg/kg		ND < 0.0393	mg/kg	U	0.0560	mg/kg		0.459	mg/kg		1.01	mg/kg		0.880	mg/kg		0.620	mg/kg		0.790	mg/kg		0.944	mg/kg		1.35	mg/kg		0.444	mg/kg		0.348	mg/kg		0.539	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 concentrations exceeding RRSCOs;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 4 - Pesticides & Herbicides in Soil Samples
 Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
 41 North 2nd Street, Hudson, New York
 PVE File #20240218

					Date Sampled Location Sample ID	6/11/2024 SB-3 SB-3 2-6 IN 20240611			6/12/2024 SB-4 SB-4 2-6 20240612			6/12/2024 SB-11 SB-11 2-6 20240612			6/13/2024 SB-12 SB-12 2-6 20240613			6/13/2024 SB-13 SB-13 2-6 20240613			6/13/2024 SB-14 SB-14 2-6 20240613		
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
SW8081	Aldrin	309-00-2	0.005	0.097	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Alpha Endosulfan	959-98-8	2.4	24	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Beta Endosulfan	33213-65-9	2.4	24	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	cis-Chlordane	5103-71-9	0.094	4.2	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Dieldrin	60-57-1	0.005	0.2	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Endosulfan Sulfate	1031-07-8	2.4	24	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Endrin	72-20-8	0.014	11	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Gamma Bhc (Lindane)	58-89-9	0.1	1.3	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	Heptachlor	76-44-8	0.042	2.1	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	P,P'-DDD	72-54-8	0.0033	13	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	P,P'-DDE	72-55-9	0.0033	8.9	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	mg/kg	U
SW8081	P,P'-DDT	50-29-3	0.0033	7.9	mg/kg	ND < 0.00162	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00164	mg/kg	U	ND < 0.00203	mg/kg	U	ND < 0.00205	mg/kg	U	ND < 0.00196	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 - PCBs in Soil Samples
 Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
 41 North 2nd Street, Hudson, New York
 PVE File #20240218

Date Sampled Location Sample ID						6/11/2024 SB-1 SB-1 3-4 20240611			6/11/2024 SB-2 SB-2 0.5-1 20240611			6/11/2024 SB-3 SB-3 1-3 20240611			6/12/2024 SB-5 SB-5 1-3 20240612			6/12/2024 SB-8 SB-8 4-6 20240612			6/13/2024 SB-13 SB-13 11-12 20240613		
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
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.0224	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0199	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0214	mg/kg	U	ND< 0.0203	mg/kg	U	ND< 0.0187	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 6 - VOCs in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 41 North 2nd Street, Hudson, New York
 PVE File #20240218

				Date Sampled	6/11/2024		6/13/2024	
				Location	MW-1		TMW-1	
				Sample ID	MW-1 20240611		TMW-1 20240613	
Method	Analyte	CAS RN	Class GA	Unit	Result	Unit Q	Result	Unit Q
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,1,2-Trichloroethane	79-00-5	1	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,1-Dichloroethane	75-34-3	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,1-Dichloroethene	75-35-4	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2,3-Trichlorobenzene	87-61-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2,3-Trichloropropane	96-18-4	0.04	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2,4-Trimethylbenzene	95-63-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2-Dichlorobenzene	95-50-1	3	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2-Dichloroethane	107-06-2	0.6	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,2-Dichloropropane	78-87-5	1	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,3-Dichlorobenzene	541-73-1	3	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,4-Dichlorobenzene	106-46-7	3	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	NE		ND< 40	ug/l	U	ND< 40 ug/l
SW8260	2-Hexanone	591-78-6	50	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Acetone	67-64-1	50	ug/l	ND< 2.0	ug/l	U	5.0 ug/l
SW8260	Acrolein	107-02-8	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Acrylonitrile	107-13-1	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Benzene	71-43-2	1	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Bromochloromethane	74-97-5	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Bromodichloromethane	75-27-4	50	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Bromoform	75-25-2	50	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Bromomethane	74-83-9	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Carbon Disulfide	75-15-0	60	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Carbon Tetrachloride	56-23-5	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Chlorobenzene	108-90-7	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Chloroethane	75-00-3	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Chloroform	67-66-3	7	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Chloromethane	74-87-3	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Cis-1,2-Dichloroethylene	156-59-2	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Cyclohexane	110-82-7	NE		ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Dibromochloromethane	124-48-1	50	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Dibromomethane	74-95-3	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Dichlorodifluoromethane	75-71-8	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Ethylbenzene	100-41-4	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Hexachlorobutadiene	87-68-3	0.5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Isopropylbenzene (Cumene)	98-82-8	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	m,p-Xylene	179601-23-1	NE		ND< 1.0	ug/l	U	ND< 1.0 ug/l
SW8260	Methyl Acetate	79-20-9	NE		ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	ND< 0.50	ug/l	U	0.51 ug/l
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE		ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Methylcyclohexane	108-87-2	NE		ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Methylene Chloride	75-09-2	5	ug/l	ND< 2.0	ug/l	U	ND< 2.0 ug/l
SW8260	N-Butylbenzene	104-51-8	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	N-Propylbenzene	103-65-1	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	P-Cymene (P-Isopropyltoluene)	CYMP	NE		ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Sec-Butylbenzene	135-98-8	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Styrene	100-42-5	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	T-Butylbenzene	98-06-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Tert-Butyl Alcohol	75-65-0	NE		ND< 1.0	ug/l	U	ND< 1.0 ug/l
SW8260	Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	3.2	ug/l	U	ND< 0.50 ug/l
SW8260	Tetrachloroethylene (PCE)	127-18-4	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Toluene	108-88-3	5	ug/l	0.25	ug/l	J	ND< 0.50 ug/l
SW8260	Trans-1,2-Dichloroethene	156-60-5	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Trichloroethylene (TCE)	79-01-6	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Trichlorofluoromethane	75-69-4	5	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Vinyl Chloride	75-01-4	2	ug/l	ND< 0.50	ug/l	U	ND< 0.50 ug/l
SW8260	Xylenes	1330-20-7	NE		ND< 1.5	ug/l	U	ND< 1.5 ug/l

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

Table 7 - SVOCs in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 41 North 2nd Street, Hudson, New York
 PVE File #20240218

				Date Sampled Location Sample ID	6/11/2024 MW-1 MW-1 20240611			6/13/2024 TMW-1 TMW-1 20240613		
Method	Analyte	CAS RN	Class GA	Unit	Result	Unit	Q	Result	Unit	Q
SW8270	Acenaphthene	83-32-9	20	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Acenaphthylene	208-96-8	NE		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Anthracene	120-12-7	NE	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Benzo(A)Anthracene	56-55-3	0.002	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Benzo(A)Pyrene	50-32-8	0	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Benzo(B)Fluoranthene	205-99-2	0.002	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Benzo(G,H,I)Perylene	191-24-2	NE		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Benzo(K)Fluoranthene	207-08-9	0.002	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Chrysene	218-01-9	0.002	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Dibenz(A,H)Anthracene	53-70-3	NE		ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Fluoranthene	206-44-0	50	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Fluorene	86-73-7	50	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.002	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Naphthalene	91-20-3	10	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Phenanthrene	85-01-8	50	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U
SW8270	Pyrene	129-00-0	50	ug/l	ND< 0.050	ug/l	U	ND< 0.050	ug/l	U

Notes:

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

Red 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 - Metals in Groundwater Samples

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

41 North 2nd Street, Hudson, New York

PVE File #20240218

Date Sampled Location Sample ID					6/11/2024 MW-1 MW-1 20240611			6/13/2024 TMW-1 TMW-1 20240613		
Method	Analyte	CAS RN	Class GA	Unit	Result	Unit	Q	Result	Unit	Q
SW6020	Arsenic	7440-38-2	0.025	mg/l	ND< 0.00111	mg/l	U	0.00468	mg/l	
SW6020	Barium	7440-39-3	1	mg/l	0.0476	mg/l		0.0816	mg/l	
SW6020	Cadmium	7440-43-9	0.005	mg/l	ND< 0.000556	mg/l	U	ND< 0.000556	mg/l	U
SW6020	Chromium, Total	7440-47-3	0.05	mg/l	0.00231	mg/l		0.00200	mg/l	
SW6020	Lead	7439-92-1	0.025	mg/l	ND< 0.00111	mg/l	U	0.00327	mg/l	
SW6020	Selenium	7782-49-2	0.01	mg/l	ND< 0.00111	mg/l	U	0.0115	mg/l	
SW6020	Silver	7440-22-4	0.05	mg/l	ND< 0.00111	mg/l	U	ND< 0.00111	mg/l	U
SW7470	Mercury	7439-97-6	0.0007	mg/l	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;

Red 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 - PCBs in Groundwater Samples

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

41 North 2nd Street, Hudson, New York

PVE File #20240218

				Date Sampled	6/11/2024		
				Location	MW-1		
				Sample ID	MW-1 20240611		
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;

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

NE = No standard established; &

ND and U = Not detected at MDL for sample.

Table 10 - VOCs in Soil Vapor Samples
 Compared to NYSDOH Decision Matrices
 41 North 2nd Street, Hudson, New York
 PVE File #20240218

						Date Sampled	6/11/2024		6/11/2024		6/11/2024		6/11/2024		6/11/2024		6/11/2024	
						Location	SSV-1*		SV-1*		SV-2*		SV-3*		SV-4*		SV-5*	
						Sample ID	SSV-1 20240611		SV-1 20240611		SV-2 20240611		SV-3 20240611		SV-4 20240611		SV-5 20240611	
Method	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
T015	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE		ND< 10	ug/m3	U	ND< 0.94	ug/m3	U	ND< 2.1	ug/m3	U	ND< 1.9	ug/m3	U
T015	1,1,1-Trichloroethane (TCA)	71-55-6	<100	100 - 1,000	>1,000	ug/m3	ND< 8.0	ug/m3	U	ND< 0.75	ug/m3	U	ND< 1.6	ug/m3	U	ND< 1.5	ug/m3	U
T015	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	NE		ND< 10	ug/m3	U	ND< 0.94	ug/m3	U	ND< 2.1	ug/m3	U	ND< 1.9	ug/m3	U
T015	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE		ND< 11	ug/m3	U	ND< 1.1	ug/m3	U	ND< 2.3	ug/m3	U	ND< 2.1	ug/m3	U
T015	1,1,2-Trichloroethane	79-00-5	NE	NE	NE		ND< 8.0	ug/m3	U	ND< 0.75	ug/m3	U	ND< 1.6	ug/m3	U	ND< 1.5	ug/m3	U
T015	1,1-Dichloroethane	75-34-3	NE	NE	NE		ND< 5.9	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.2	ug/m3	U	ND< 1.1	ug/m3	U
T015	1,1-Dichloroethene	75-35-4	<6	6 - 60	>60	ug/m3	ND< 1.4	ug/m3	U	ND< 0.14	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.27	ug/m3	U
T015	1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE		ND< 11	ug/m3	U	ND< 1.0	ug/m3	U	ND< 2.2	ug/m3	U	ND< 2.0	ug/m3	U
T015	1,2,4-Trimethylbenzene	95-63-6	<60	60 - 600	>600	ug/m3	29	ug/m3	U	29	ug/m3	U	25	ug/m3	U	26	ug/m3	U
T015	1,2-Dibromobenzene (Ethylene Dibromide)	106-93-4	NE	NE	NE		ND< 11	ug/m3	U	ND< 1.1	ug/m3	U	ND< 2.3	ug/m3	U	ND< 2.1	ug/m3	U
T015	1,2-Dichlorobenzene	95-50-1	NE	NE	NE		ND< 8.8	ug/m3	U	ND< 0.82	ug/m3	U	ND< 1.8	ug/m3	U	ND< 1.6	ug/m3	U
T015	1,2-Dichloroethene	107-06-2	NE	NE	NE		ND< 5.9	ug/m3	U	ND< 0.56	ug/m3	U	ND< 1.2	ug/m3	U	ND< 1.1	ug/m3	U
T015	1,2-Dichloropropane	78-87-5	NE	NE	NE		ND< 6.7	ug/m3	U	ND< 0.63	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.2	ug/m3	U
T015	1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE	NE		ND< 10	ug/m3	U	ND< 0.96	ug/m3	U	ND< 2.1	ug/m3	U	ND< 1.9	ug/m3	U
T015	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	<60	60 - 600	>600	ug/m3	8.6	ug/m3	U	7.4	ug/m3	U	6.5	ug/m3	U	6.5	ug/m3	U
T015	1,3-Butadiene	106-99-0	NE	NE	NE		ND< 9.7	ug/m3	U	6.2	ug/m3	U	2.7	ug/m3	U	8.9	ug/m3	U
T015	1,3-Dichlorobenzene	541-73-1	NE	NE	NE		ND< 8.8	ug/m3	U	ND< 0.82	ug/m3	U	ND< 1.8	ug/m3	U	ND< 1.6	ug/m3	U
T015	1,3-Dichloropropane	142-28-9	NE	NE	NE		ND< 6.7	ug/m3	U	ND< 0.63	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.2	ug/m3	U
T015	1,4-Dichlorobenzene	106-46-7	NE	NE	NE		ND< 8.8	ug/m3	U	ND< 0.82	ug/m3	U	ND< 1.8	ug/m3	U	ND< 1.6	ug/m3	U
T015	1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE	NE		ND< 11	ug/m3	U	ND< 0.99	ug/m3	U	ND< 2.2	ug/m3	U	ND< 1.9	ug/m3	U
T015	2,2,4-Trimethylpentane	540-84-1	<60	60 - 600	>600	ug/m3	3.41	ug/m3	U	2.82	ug/m3	U	5.18	ug/m3	U	4.79	ug/m3	U
T015	2-Hexanone	591-78-6	NE	NE	NE		ND< 12	ug/m3	U	12	ug/m3	U	29	ug/m3	U	11	ug/m3	U
T015	4-Ethyltoluene	622-96-8	NE	NE	NE		34	ug/m3	U	39	ug/m3	U	36	ug/m3	U	35	ug/m3	U
T015	Acetone	67-64-1	NE	NE	NE		68	ug/m3	U	100	ug/m3	U	220	ug/m3	U	120	ug/m3	U
T015	Acrylonitrile	107-13-1	NE	NE	NE		ND< 3.2	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.59	ug/m3	U
T015	Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE	NE		ND< 23	ug/m3	U	ND< 2.1	ug/m3	U	ND< 4.7	ug/m3	U	ND< 4.2	ug/m3	U
T015	Benzene	71-43-2	<60	60 - 600	>600	ug/m3	19	ug/m3	U	7.3	ug/m3	U	12	ug/m3	U	8.7	ug/m3	U
T015	Benzyl Chloride	100-44-7	NE	NE	NE		ND< 7.6	ug/m3	U	ND< 0.71	ug/m3	U	ND< 1.6	ug/m3	U	ND< 1.4	ug/m3	U
T015	Bromodichloromethane	75-27-4	NE	NE	NE		ND< 9.8	ug/m3	U	ND< 0.92	ug/m3	U	7.6	ug/m3	U	14	ug/m3	U
T015	Bromofrom	75-25-2	NE	NE	NE		ND< 15	ug/m3	U	ND< 1.4	ug/m3	U	ND< 3.1	ug/m3	U	ND< 2.8	ug/m3	U
T015	Bromomethane	74-83-9	NE	NE	NE		ND< 5.7	ug/m3	U	ND< 0.53	ug/m3	U	ND< 1.2	ug/m3	U	ND< 1.0	ug/m3	U
T015	Carbon Disulfide	75-15-0	NE	NE	NE		9.1	ug/m3	U	6.0	ug/m3	U	43	ug/m3	U	16	ug/m3	U
T015	Carbon Tetrachloride	56-23-5	<6	6 - 60	>60	ug/m3	ND< 2.3	ug/m3	U	ND< 0.22	ug/m3	U	ND< 0.47	ug/m3	U	ND< 0.42	ug/m3	U
T015	Chlorobenzene	108-90-7	NE	NE	NE		ND< 6.7	ug/m3	U	ND< 0.63	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.2	ug/m3	U
T015	Chloroethane	75-00-3	NE	NE	NE		ND< 3.9	ug/m3	U	ND< 0.36	ug/m3	U	ND< 0.79	ug/m3	U	ND< 0.71	ug/m3	U
T015	Chloroform	67-66-3	NE	NE	NE		ND< 7.1	ug/m3	U	2.8	ug/m3	U	46	ug/m3	U	73	ug/m3	U
T015	Chloromethane	74-87-3	NE	NE	NE		ND< 3.0	ug/m3	U	ND< 0.28	ug/m3	U	1.7	ug/m3	U	ND< 0.56	ug/m3	U
T015	Cis-1,2-Dichloroethylene	156-59-2	<6	6 - 60	>60	ug/m3	ND< 1.4	ug/m3	U	ND< 0.14	ug/m3	U	ND< 0.30	ug/m3	U	ND< 0.27	ug/m3	U
T015	Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE		ND< 6.6	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.2	ug/m3	U
T015	Cyclohexane	110-82-7	<60	60 - 600	>600	ug/m3	12	ug/m3	U	2.8	ug/m3	U	4.5	ug/m3	U	13	ug/m3	U
T015	Dibromochloromethane	124-48-1	NE	NE	NE		ND< 12	ug/m3	U	ND< 1.2	ug/m3	U	ND< 2.6	ug/m3	U	2.8	ug/m3	U
T015	Dichlorodifluoromethane	75-71-8	NE	NE	NE		3400	ug/m3	U	3.9	ug/m3	U	3.1	ug/m3	U	3.1	ug/m3	U
T015	Ethyl Acetate	141-78-6	NE	NE	NE		ND< 11	ug/m3	U	ND< 0.99	ug/m3	U	ND< 2.2	ug/m3	U	ND< 1.9	ug/m3	U
T015	Ethylbenzene	100-41-4	<60	60 - 600	>600	ug/m3	60	ug/m3	U	76	ug/m3	U	88	ug/m3	U	75	ug/m3	U
T015	Hexachlorobutadiene	87-68-3	NE	NE	NE		ND< 16	ug/m3	U	ND< 1.5	ug/m3	U	ND< 3.2	ug/m3	U	ND< 2.9	ug/m3	U
T015	Isopropanol	67-63-0	NE	NE	NE		ND< 7.2	ug/m3	U	4.7	ug/m3	U	7.0	ug/m3	U	1.7	ug/m3	U
T015	m,p-Xylene	179601-23-1	<200	200 - 2,000	>2,000	ug/m3	85	ug/m3	U	72	ug/m3	U	81	ug/m3	U	77	ug/m3	U
T015	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE	NE		6.0	ug/m3	U	18	ug/m3	U	14	ug/m3	U	10	ug/m3	U
T015	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE		ND< 6.0	ug/m3	U	58	ug/m3	U	210	ug/m3	U	52	ug/m3	U
T015	Methyl Methacrylate	80-62-6	NE	NE	NE		ND< 6.0	ug/m3	U	ND< 0.56	ug/m3	U	3.6	ug/m3	U	ND< 1.1	ug/m3	U
T015	Methylene Chloride	75-09-2	<100	100 - 1,000	>1,000	ug/m3	ND< 10	ug/m3	U	ND< 0.95	ug/m3	U	ND< 2.1	ug/m3	U	ND< 1.9	ug/m3	U
T015	Naphthalene	91-20-3	<60	60 - 600	>600	ug/m3	ND< 15	ug/m3	U	5.5	ug/m3	U	3.6	ug/m3	U	3.5	ug/m3	U
T015	N-Heptane	142-82-5	<200	200 - 2,000	>2,000	ug/m3	14	ug/m3	U	8.5	ug/m3	U	9.2	ug/m3	U	12	ug/m3	U
T015	N-Hexane	110-54-3	<200	200 - 2,000	>2,000	ug/m3	29	ug/m3	U	12	ug/m3	U	11	ug/m3	U	10	ug/m3	U
T015	O-Xylene (1,2-Dimethylbenzene)	95-47-6	<60	60 - 600	>600	ug/m3	35	ug/m3	U	25	ug/m3	U	28	ug/m3	U	26	ug/m3	U
T015	Propylene	115-07-1	NE	NE	NE		61	ug/m3	U	100	ug/m3	U	37	ug/m3	U	200	ug/m3	U
T015	Styrene	100-42-5	NE	NE	NE		ND< 6.2	ug/m3	U	1.9	ug/m3	U	13	ug/m3	U	2.1	ug/m3	U
T015	Tert-Butyl Methyl Ether	1634-04-4	NE	NE	NE		ND< 6.3	ug/m3	U	ND< 0.49	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.97	ug/m3	U
T015	Tetrachloroethylene (PCE)	127-18-4	<100	100 - 1,000	>1,000	ug/m3	ND< 9.9	ug/m3	U	ND< 0.93	ug/m3	U	ND< 2.0	ug/m3	U	ND< 1.8	ug/m3	U
T015	Tetrahydrofuran	109-99-9	NE	NE	NE		ND< 8.6	ug/m3	U	ND< 0.81	ug/m3	U	ND< 1.8	ug/m3	U	ND< 1.6	ug/m3	U
T015	Toluene	108-88-3	<300	300 - 3,000	>3,000	ug/m3	100	ug/m3	U	60	ug/m3	U	79	ug/m3	U	77	ug/m3	U
T015	Trans-1,2-Dichloroethene	156-60-5	NE	NE	NE		ND< 5.8	ug/m3	U	ND< 0.54	ug/m3	U	ND< 1.2	ug/m3	U	ND< 1.1	ug/m3	U
T015	Trans-1,3-Dichloropropene	10061-02-6	NE	NE	NE		ND< 6.6	ug/m3	U	ND< 0.62	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.2	ug/m3	U
T015	Trichloroethylene (TCE)	79-01-6	<6	6 - 60	>60	ug/m3	ND< 2.0	ug/m3	U	ND< 0.29	ug/m3	U	ND< 0.64	ug/m3	U	ND< 0.36	ug/m3	U
T015	Trichlorofluoromethane	75-69-4	NE	NE	NE		ND< 12	ug/m3	U	12.3	ug/m3	U	13.5	ug/m3	U	11.5	ug/m3	U
T015	Vinyl Acetate	108-05-4	NE	NE	NE		ND< 5.1	ug/m3	U	ND< 0.48	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.95		



SOIL BORING LOGS



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BORING NUMBER SB-1

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CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/11/24	COMPLETED	6/11/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
				0.3 Asphalt parking lot. (Fill) Brown sand, dark gray silt, some clay; comingled with, brick fragments and ash.	
	GB 3-4'			4.0	PID = 1.7
5		SM		(SM) Light brown silt, with fine sand.	
				6.0	
		SC		(SC) Light brown silt, with clay, some fine sand.	
				8.0	PID = 0
10		ML		(ML) Light brown silt, with clay.	
				12.0	PID = 0
15		CL		(CL) Light brown clay, with silt; moist.	PID = 0
20					
					PID = 0
					PID = 0
		CL		23.0 (CL) Light brown and gray/dark gray clay, with silt.	
				24.0	

Bottom of borehole at 24.0 feet.



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BORING NUMBER SB-2

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CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/11/24	COMPLETED	6/11/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
		GROUND WATER LEVELS:	
		AT TIME OF DRILLING	---
		AT END OF DRILLING	---
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
	GB 0.5-1'	SM		0.1 Asphalt parking lot. (SM) Brown fine, medium and coarse sand, some silt; with gravel. (CL) Brown/light brown clay, with silt.	PID = 0
5					PID = 0
10					PID = 0
15					PID = 0
20					PID = 0

Bottom of borehole at 20.0 feet.



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BORING NUMBER SB-3

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/11/24	COMPLETED	6/11/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.5	GB 2-6"			Topsoil (dark brown/black silt with fine, medium sand; little gravel.	PID = 0
2.5	GB 1-3'	ML		(ML) Brown/light brown silt, with clay.	PID = 0
4.0				(CL) Brown/light brown clay, with silt; moist.	PID = 0
5.0					
7.5		CL			PID = 0
9.8				(CL) Dark gray clay, with silt; moist.	
10.0		CL			
12.0				(CL) Brown/light brown and dark gray clay, with silt.	PID = 0
12.5					
15.0		CL			
16.0					

Bottom of borehole at 16.0 feet.



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BORING NUMBER SB-4

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CLIENT Mouncto Construction & Development

PROJECT NUMBER 20240218

DATE STARTED 6/12/24 COMPLETED 6/12/24

DRILLING CONTRACTOR PVE Engineering

DRILLING METHOD Direct Push via GeoProbe 54DT

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

NOTES _____

PROJECT NAME Phase II ESA

PROJECT LOCATION 41 North 2nd Street, Hudson, NY

GROUND ELEVATION _____ HOLE SIZE 2.5 inches

GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 15:38 - Z:\20240218 - 41 NORTH 2ND STREET, HUDSON, NY\PHASE II ESA\SB LOGS\SOIL BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
	 GB 2-6"			Topsoil (dark brown silt, little clay, little fine sand; some gravel.	PID = 0
1.0					
	 GB 1-2'			(Fill) Brown fine, medium and coarse sand, some silt; some gravel; comingled with little slag.	PID = 0
2.0					
2.5				(CL) Gray clay with silt; moist.	
5.0		CL			PID = 0
7.5					
8.0				No recovery.	PID = 0
10.0					
12.0					
12.5				(CL) Gray clay with silt; moist.	PID = 0
15.0		CL			
16.0					PID = 0

Bottom of borehole at 16.0 feet.



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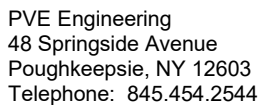
BORING NUMBER SB-5

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CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/12/24	COMPLETED	6/12/24
GROUND ELEVATION		HOLE SIZE	2.5 inches
DRILLING CONTRACTOR	PVE Engineering	GROUND WATER LEVELS:	
DRILLING METHOD	Direct Push via GeoProbe 54DT	AT TIME OF DRILLING	---
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES		AT END OF DRILLING	---
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
				Topsoil (light brown silt, some fine, medium sand).	
				(Fill) Brown/light brown silt, some clay, little fine and medium sand; comingled glass, brick and coal fragments and ash.	PID = 0
2.5	GB 1-3'				PID = 0
				(ML) Brown/light brown silt, with clay.	PID = 0
5.0		ML			
7.5				(CL) Brown/greenish gray clay, with silt.	PID = 0
10.0		CL			PID = 0
					PID = 0
12.0					

Bottom of borehole at 12.0 feet.



PAGE 1 OF 1

PROJECT NAME Phase II ESA

PROJECT LOCATION 41 North 2nd Street, Hudson, NY

GROUND ELEVATION **HOLE SIZE** 2.5 inches

GROUND WATER LEVELS:

AT TIME OF DRILLING ---

AT END OF DRILLING ---

AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 15:38 - Z:\20240218 - 41 NORTH 2ND STREET, HUDSON, NY\PHASE II ESA\B LOGS\SOIL BORING LOGS.GPJ

Bottom of borehole at 8.0 feet.



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BORING NUMBER SB-7

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/12/24	COMPLETED	6/12/24
GROUND ELEVATION		HOLE SIZE	2.5 inches
DRILLING CONTRACTOR	PVE Engineering	GROUND WATER LEVELS:	
DRILLING METHOD	Direct Push via GeoProbe 54DT	AT TIME OF DRILLING	---
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
AT END OF DRILLING			---
NOTES		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
0.3				Asphalt parking lot.	
				Brown poorly sorted sand, Olive gray silt, with clay; comingled with fill (brick, coal fragments and ash).	PID = 0 PID = 0
5					
					PID = 0
10					
					PID = 0
15	GB 12-16'				
					PID = 0
20		ML		(ML) Brown/light brown clay with silt; moist.	
24.0					

Bottom of borehole at 24.0 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845.454.2544

BORING NUMBER SB-8

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/12/24	COMPLETED	6/12/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.3				Topsoil (light brown silt, some fine, medium sand).	
				(Fill) Light to dark brown silt, with clay; comingled with brick fragments, little ash.	
2.5					
5.0	GB 4-6'				PID = 0
6.0				(CL-ML) Brown silt with clay to brown clay with silt.	PID = 0
7.5					
10.0					PID = 0
12.5				(ML) Brown to olive gray and light gray clay, with silt.	PID = 0
15.0					PID = 0
16.0					

Bottom of borehole at 16.0 feet.



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BORING NUMBER SB-9

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/12/24	COMPLETED	6/12/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES		GROUND WATER LEVELS:	
		AT TIME OF DRILLING	---
		AT END OF DRILLING	---
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				
0.5			Topsoil (light brown silt, some fine, medium sand).	
			(Fill) Brown silt, some clay, some fine and medium sand; comingled with brick fragments.	
5				PID = 0
	GB 5-8'			PID = 0
10				PID = 0
				PID = 0
15				PID = 0
				PID = 0
18.4				PID = 0

Bottom of borehole at 18.4 feet.



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BORING NUMBER SB-10

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/12/24	COMPLETED	6/12/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
				Topsoil (light brown silt, some fine, medium sand).	
0.5				(Fill) Dark brown silt, some clay, little fine sand; comingled coal fragments, little ash.	
2.5					
5.0					PID = 0
	GB 5-6'				
6.0				(CL) Brown silt, with clay.	
7.5					PID = 0
10.0		CL			
12.0					PID = 0

Bottom of borehole at 12.0 feet.



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BORING NUMBER SB-11

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/12/24	COMPLETED	6/12/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES	Converted to TMW-1 ATD.		
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.5	GB 2-6"			Topsoil (dark brown silt, with fine sand).	PID = 0
2.5				(CL) (Fill) Brown silt, with clay; comingled with coal ash and brick.	PID = 0
5.0					PID = 0
7.5					PID = 0
10.0					PID = 0
12.5	GB 10-12"			(ML) Greenish gray clay with silt; wet to saturated.	PID = 0
15.0					PID = 0
16.0					

Bottom of borehole at 16.0 feet.



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BORING NUMBER SB-12

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/13/24	COMPLETED	6/13/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
		GROUND WATER LEVELS:	
		AT TIME OF DRILLING	---
		AT END OF DRILLING	---
		AFTER DRILLING	---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.0	GB 2-6"			Topsoil (brown silt, with clay; little gravel).	PID = 0
2.5				(Fill) Brown/dark brown silt, with clay, little gravel; comingled coal fragments and ash.	PID = 0
5.0					PID = 0
7.5					
8.0				(SM) Dark brown, fine and medium sand, with silt, little gravel; some wood pieces.	PID = 43.6
9.0	GB 8-9'	SM		(CL) Olive gray clay, with silt; moist.	
10.0					
12.5		CL		(CL) Brown and light brown clay, with silt; moist to dry.	PID = 0
15.0					PID = 0
16.0					

Bottom of borehole at 16.0 feet.



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Poughkeepsie, NY 12603
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BORING NUMBER SB-13

PAGE 1 OF 1

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/13/24	COMPLETED	6/13/24
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Direct Push via GeoProbe 54DT	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES			
GROUND WATER LEVELS:			
AT TIME OF DRILLING		---	
AT END OF DRILLING		---	
AFTER DRILLING		---	

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
	GB 2-6"			Topsoil (brown silt, with clay; little gravel; fill (little brick, coal and glass fragments).	PID = 0
2.0				(Fill) Brown to gray silt, some clay, comingled brick, coal and glass fragments.	PID = 0
5					PID = 0
10					PID = 0
	GB 11-12'				PID = 0
15					PID = 0
20					PID = 0
22.0				(CL) Greenish gray/light gray clay, with silt; moist.	PID = 0
24.0		CL			

Bottom of borehole at 24.0 feet.



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Poughkeepsie, NY 12603
Telephone: 845.454.2544

BORING NUMBER SB-14

CLIENT	Mouncto Construction & Development	PROJECT NAME	Phase II ESA
PROJECT NUMBER	20240218	PROJECT LOCATION	41 North 2nd Street, Hudson, NY
DATE STARTED	6/13/24	COMPLETED	6/13/24
GROUND ELEVATION		HOLE SIZE	2.5 inches
DRILLING CONTRACTOR	PVE Engineering	GROUND WATER LEVELS:	
DRILLING METHOD	Direct Push via GeoProbe 54DT	AT TIME OF DRILLING	---
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
AT END OF DRILLING	---	AFTER DRILLING	---
NOTES			

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
	 GB 2-6"			0.5 Topsoil (brown silt, with fine and medium sand). (Fill) Brown silt, some clay, some sand, comingled coal fragments.	PID = 0.2
2.5					
5.0	 GB 4-8'				PID = 0.1
7.5					
8.0				8.0 (CL) Brown to olive gray clay, with silt.	PID = 0
10.0		CL			PID = 0
12.0					

Bottom of borehole at 12.0 feet.



SOIL VAPOR LOGS

VAPOR SAMPLING LOG

Project Name/Address: 41 North 2nd Street, City of Hudson, New York

PVE Project #: 20240218

Sampler(s): AJS/TLC/TGT

Weather: 60°F; 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	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-11 09:28	2024-06-11 12:13	36963	5119	-30+''	-3''
SV-2	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-11 10:11	2024-06-11 12:18	28856	20242	-30+''	-2''
SV-3	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-11 10:27	2024-06-11 13:05	28838	19386	-30+''	-2''
SV-4	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-11 10:48	2024-06-11 13:24	37382	19431	-30+''	-1''
SV-5	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-11 11:09	2024-06-11 13:54	48297	19409	-30+''	-4''
SSV-1	A	A	17'' Bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-11 09:51	2024-06-11 12:17	34501	17900	-30''	-1''

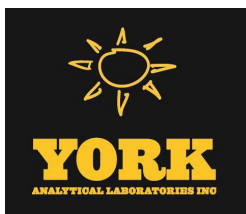
Analytical Laboratory: York Analytical

Date Shipped to Lab: June 12, 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: 06/20/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0810

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: 06/20/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0810

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 June 12, 2024 and listed below. The project was identified as your project: **20240218**.

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>
24F0810-01	SB-1 3-4 20240611	Soil	06/11/2024	06/12/2024
24F0810-02	SB-2 0.5-1 20240611	Soil	06/11/2024	06/12/2024
24F0810-03	SB-3 1-3 20240611	Soil	06/11/2024	06/12/2024
24F0810-04	SB-3 2-6 in 20240611	Soil	06/11/2024	06/12/2024

General Notes for York Project (SDG) No.: 24F0810

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.

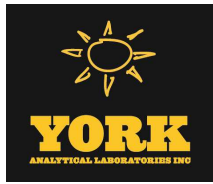
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/20/2024





Sample Information

Client Sample ID: SB-1 3-4 20240611

York Sample ID: 24F0810-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0810

20240218

Soil

June 11, 2024 11:00 am

06/12/2024

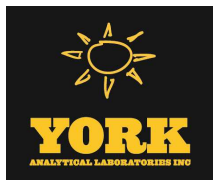
Volatile Organics, 8260 - Comprehensive

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	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 09:00	06/14/2024 19:31	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/14/2024 09:00	06/14/2024 19:31	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 09:00	06/14/2024 19:31	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 09:00	06/14/2024 19:31	BMT
78-93-3	2-Butanone	0.016		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:31	BMT



Sample Information

Client Sample ID: SB-1 3-4 20240611

York Sample ID: 24F0810-01

York Project (SDG) No.
24F0810

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 11, 2024 11:00 am

Date Received
06/12/2024

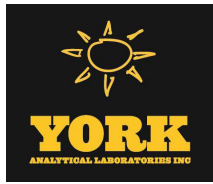
Volatile Organics, 8260 - Comprehensive

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	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
67-64-1	Acetone	0.073	CCVE	mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT



Sample Information

Client Sample ID: SB-1 3-4 20240611

York Sample ID: 24F0810-01

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 11:00 am

Date Received

06/12/2024

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	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:31	BMT

Surrogate Recoveries

Result

Acceptance Range

120 RESEARCH DRIVE

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STRATFORD, CT 06615

(203) 325-1371

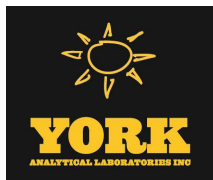
132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@

Page 6 of 42



Sample Information

Client Sample ID: SB-1 3-4 20240611

York Sample ID: 24F0810-01

York Project (SDG) No.
24F0810

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 11, 2024 11:00 am

Date Received
06/12/2024

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	110 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			76-130						

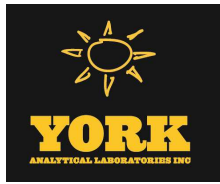
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 13:30	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 13:30	LL
120-12-7	Anthracene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 13:30	LL
56-55-3	Benzo(a)anthracene	0.21		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
50-32-8	Benzo(a)pyrene	0.15		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
205-99-2	Benzo(b)fluoranthene	0.24		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
191-24-2	Benzo(g,h,i)perylene	0.15	B	mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
207-08-9	Benzo(k)fluoranthene	0.079	J	mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
218-01-9	Chrysene	0.23		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 13:30	LL
206-44-0	Fluoranthene	0.40		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
86-73-7	Fluorene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/12/2024 13:57	06/13/2024 13:30	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	B	mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 13:30	LL
85-01-8	Phenanthrene	0.16		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
129-00-0	Pyrene	0.42		mg/kg dry	0.050	0.099	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/12/2024 13:57	06/13/2024 13:30	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	57.0 %	22-108								



Sample Information

Client Sample ID: SB-1 3-4 20240611			York Sample ID: 24F0810-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 11:00 am	06/12/2024	

Semi-Volatiles, CP-51 (formerly STARS) 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
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	60.2 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	80.9 %			24-116						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/13/2024 23:53	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	06/13/2024 08:47	06/13/2024 23:53	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	35.5 %	30-140							

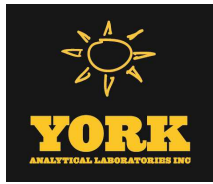
Metals, RCRA

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
7440-38-2	Arsenic	11.9		mg/kg dry	1.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:44	AGNR
7440-39-3	Barium	278		mg/kg dry	2.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:44	AGNR
7440-43-9	Cadmium	0.833		mg/kg dry	0.301	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:44	AGNR
7440-47-3	Chromium	22.0		mg/kg dry	0.502	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:44	AGNR
7439-92-1	Lead	440		mg/kg dry	0.502	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:44	AGNR
7782-49-2	Selenium	4.75		mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:44	AGNR



Sample Information

Client Sample ID: SB-1 3-4 20240611			York Sample ID: 24F0810-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 11:00 am	06/12/2024	

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/18/2024 14:25	06/19/2024 12:44	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	0.844		mg/kg dry	0.0361	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	06/15/2024 08:09	06/18/2024 19:41	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	83.1		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/14/2024 12:10	06/14/2024 13:52	HLY

Sample Information

Client Sample ID: SB-2 0.5-1 20240611			York Sample ID: 24F0810-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 1:25 pm	06/12/2024	

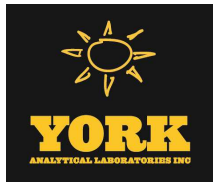
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT



Sample Information

Client Sample ID: SB-2 0.5-1 20240611

York Sample ID: 24F0810-02

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 1:25 pm

Date Received

06/12/2024

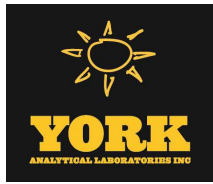
Volatile Organics, 8260 - Comprehensive

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
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT



Sample Information

Client Sample ID: SB-2 0.5-1 20240611

York Sample ID: 24F0810-02

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 1:25 pm

Date Received

06/12/2024

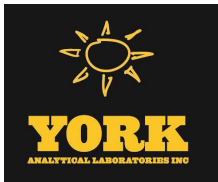
Volatile Organics, 8260 - Comprehensive

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
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 19:57	BMT



Sample Information

Client Sample ID: SB-2 0.5-1 20240611			York Sample ID: 24F0810-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 1:25 pm	06/12/2024	

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
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 09:00	06/14/2024 19:57	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	06/14/2024 09:00	06/14/2024 19:57	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 19:57	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	122 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	83.7 %	76-130								

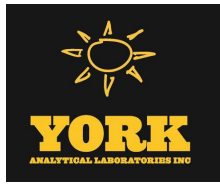
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL



Sample Information

Client Sample ID: SB-2 0.5-1 20240611			York Sample ID: 24F0810-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 1:25 pm	06/12/2024	

Semi-Volatiles, CP-51 (formerly STARS) 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
208-96-8	Acenaphthylene	ND		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
120-12-7	Anthracene	0.097		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
56-55-3	Benzo(a)anthracene	0.67		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
50-32-8	Benzo(a)pyrene	0.58		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
205-99-2	Benzo(b)fluoranthene	0.91		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
191-24-2	Benzo(g,h,i)perylene	0.42	B	mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
207-08-9	Benzo(k)fluoranthene	0.28		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
218-01-9	Chrysene	0.83		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
53-70-3	Dibenzo(a,h)anthracene	0.12		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
206-44-0	Fluoranthene	1.4		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
86-73-7	Fluorene	ND		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/12/2024 13:57	06/13/2024 14:00	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.50	B	mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
85-01-8	Phenanthrene	0.76		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
129-00-0	Pyrene	1.5		mg/kg dry	0.046	0.091	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/12/2024 13:57	06/13/2024 14:00	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.9 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.3 %	24-116								

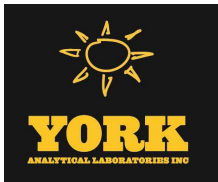
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF



Sample Information

Client Sample ID: SB-2 0.5-1 20240611			York Sample ID: 24F0810-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 1:25 pm	06/12/2024	

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 00:07	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/13/2024 08:47	06/14/2024 00:07	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	55.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	38.5 %	30-140							

Metals, RCRA

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
7440-38-2	Arsenic	7.32		mg/kg dry	1.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:46	AGNR
7440-39-3	Barium	78.8		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:46	AGNR
7440-43-9	Cadmium	0.523		mg/kg dry	0.276	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:46	AGNR
7440-47-3	Chromium	17.7		mg/kg dry	0.461	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:46	AGNR
7439-92-1	Lead	30.8		mg/kg dry	0.461	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:46	AGNR
7782-49-2	Selenium	4.26		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/18/2024 14:25	06/19/2024 12:46	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.464	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/18/2024 14:25	06/19/2024 12:46	AGNR

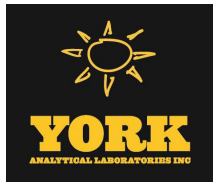
Mercury by 7473

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	0.0399		mg/kg dry	0.0332	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/15/2024 08:09	06/18/2024 19:41	DRS



Sample Information

Client Sample ID: SB-2 0.5-1 20240611

York Sample ID: 24F0810-02

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 1:25 pm

Date Received

06/12/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/14/2024 12:10	06/14/2024 13:52	HLV

Sample Information

Client Sample ID: SB-3 1-3 20240611

York Sample ID: 24F0810-03

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 3:20 pm

Date Received

06/12/2024

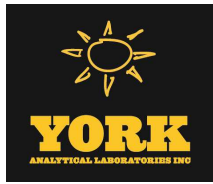
Volatile Organics, 8260 - Comprehensive

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 09:00	06/14/2024 20:23	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/14/2024 09:00	06/14/2024 20:23	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 09:00	06/14/2024 20:23	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 09:00	06/14/2024 20:23	BMT



Sample Information

Client Sample ID: SB-3 1-3 20240611

York Sample ID: 24F0810-03

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 3:20 pm

Date Received

06/12/2024

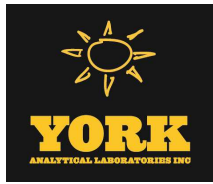
Volatile Organics, 8260 - Comprehensive

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
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D Certifications:	06/14/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 20:23	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/14/2024 20:23	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT



Sample Information

Client Sample ID: SB-3 1-3 20240611

York Sample ID: 24F0810-03

York Project (SDG) No.

24F0810

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 11, 2024 3:20 pm

Date Received

06/12/2024

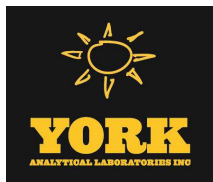
Volatile Organics, 8260 - Comprehensive

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00	06/14/2024 20:23	BMT
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: SB-3 1-3 20240611

York Sample ID: 24F0810-03

York Project (SDG) No.
24F0810

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 11, 2024 3:20 pm

Date Received
06/12/2024

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
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NJDEP-CT005	06/14/2024 20:23	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications:	06/14/2024 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/14/2024 20:23	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	124 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	76-130								

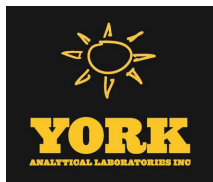
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
120-12-7	Anthracene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
218-01-9	Chrysene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL



Sample Information

Client Sample ID: SB-3 1-3 20240611

York Sample ID: 24F0810-03

York Project (SDG) No.
24F0810

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 11, 2024 3:20 pm

Date Received
06/12/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
206-44-0	Fluoranthene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
86-73-7	Fluorene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/13/2024 14:30	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
85-01-8	Phenanthrene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
129-00-0	Pyrene	ND		mg/kg dry	0.054	0.11	2	EPA 8270E Certifications:	06/12/2024 13:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 14:30	LL
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.1 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	84.2 %		21-113							
1718-51-0	Surrogate: SURR: Terphenyl-d14	100 %		24-116							

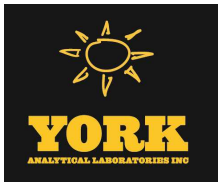
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.		Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
11104-28-2	Aroclor 1221		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
11141-16-5	Aroclor 1232		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
53469-21-9	Aroclor 1242		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
12672-29-6	Aroclor 1248		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
11097-69-1	Aroclor 1254		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
11096-82-5	Aroclor 1260		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 00:21	NF
1336-36-3	* Total PCBs		ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/13/2024 08:47	06/14/2024 00:21	NF
Surrogate Recoveries			Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene		68.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl		44.5 %		30-140						



Sample Information

Client Sample ID: SB-3 1-3 20240611			York Sample ID: 24F0810-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 3:20 pm	06/12/2024	

Metals, RCRA

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
7440-38-2	Arsenic	10.2		mg/kg dry	1.64	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	Barium	330		mg/kg dry	2.72	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	30.0		mg/kg dry	0.546	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	15.9		mg/kg dry	0.546	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	5.58		mg/kg dry	2.73	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/kg dry	0.550	1	EPA 6010D	06/18/2024 14:25	06/19/2024 12:49	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	ND		mg/kg dry	0.0393	1	EPA 7473	06/15/2024 08:09	06/18/2024 19:41	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	76.4		%	0.100	1	SM 2540G	06/14/2024 12:10	06/14/2024 13:52	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-3 2-6 in 20240611			York Sample ID: 24F0810-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 3:15 pm	06/12/2024	

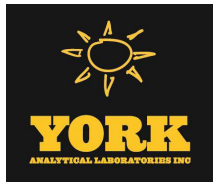
Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418										
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@										



Sample Information

Client Sample ID: SB-3 2-6 in 20240611			York Sample ID: 24F0810-04		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0810	20240218	Soil	June 11, 2024 3:15 pm	06/12/2024	

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
72-55-9	4,4'-DDE	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
50-29-3	4,4'-DDT	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
309-00-2	Aldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
319-84-6	alpha-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/13/2024 08:47	06/14/2024 12:33	TAH
319-85-7	beta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
319-86-8	delta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
60-57-1	Dieldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
959-98-8	Endosulfan I	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
33213-65-9	Endosulfan II	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/13/2024 08:47	06/14/2024 12:33	TAH
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
72-20-8	Endrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
76-44-8	Heptachlor	ND		ug/kg dry	1.62	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/13/2024 08:47	06/14/2024 12:33	TAH
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	23.8 %	S-08, S-GC			30-150				
877-09-8	Surrogate: Tetrachloro-m-xylene	54.9 %				30-150				

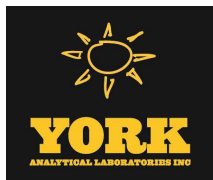
Total Solids

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	85.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/14/2024 12:10	06/14/2024 13:52	HLY



Analytical Batch Summary

Batch ID: BF40802 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24F0810-01	SB-1 3-4 20240611	06/12/24
24F0810-02	SB-2 0.5-1 20240611	06/12/24
24F0810-03	SB-3 1-3 20240611	06/12/24
BF40802-BLK1	Blank	06/12/24
BF40802-BS1	LCS	06/12/24
BF40802-MS1	Matrix Spike	06/12/24
BF40802-MSD1	Matrix Spike Dup	06/12/24

Batch ID: BF40857 **Preparation Method:** EPA 3550C **Prepared By:** kaz

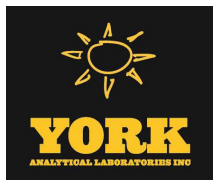
YORK Sample ID	Client Sample ID	Preparation Date
24F0810-01	SB-1 3-4 20240611	06/13/24
24F0810-02	SB-2 0.5-1 20240611	06/13/24
24F0810-03	SB-3 1-3 20240611	06/13/24
24F0810-04	SB-3 2-6 in 20240611	06/13/24
BF40857-BLK1	Blank	06/13/24
BF40857-BLK2	Blank	06/13/24
BF40857-BS1	LCS	06/13/24
BF40857-BS2	LCS	06/13/24
BF40857-MS1	Matrix Spike	06/13/24
BF40857-MS2	Matrix Spike	06/13/24
BF40857-MSD1	Matrix Spike Dup	06/13/24
BF40857-MSD2	Matrix Spike Dup	06/13/24

Batch ID: BF40923 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24F0810-01	SB-1 3-4 20240611	06/14/24
24F0810-02	SB-2 0.5-1 20240611	06/14/24
24F0810-03	SB-3 1-3 20240611	06/14/24
24F0810-04	SB-3 2-6 in 20240611	06/14/24
BF40923-DUP1	Duplicate	06/14/24

Batch ID: BF40974 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
24F0810-01	SB-1 3-4 20240611	06/14/24
24F0810-02	SB-2 0.5-1 20240611	06/14/24
24F0810-03	SB-3 1-3 20240611	06/14/24
BF40974-BLK1	Blank	06/14/24
BF40974-BS1	LCS	06/14/24



Batch ID: BF41008

Preparation Method: EPA 7473 soil

Prepared By: DRS

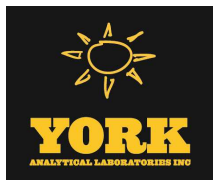
YORK Sample ID	Client Sample ID	Preparation Date
24F0810-01	SB-1 3-4 20240611	06/15/24
24F0810-02	SB-2 0.5-1 20240611	06/15/24
24F0810-03	SB-3 1-3 20240611	06/15/24
BF41008-BLK1	Blank	06/15/24
BF41008-DUP1	Duplicate	06/15/24
BF41008-MS1	Matrix Spike	06/15/24
BF41008-SRM1	Reference	06/15/24

Batch ID: BF41183

Preparation Method: EPA 3050B

Prepared By: KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24F0810-01	SB-1 3-4 20240611	06/18/24
24F0810-02	SB-2 0.5-1 20240611	06/18/24
24F0810-03	SB-3 1-3 20240611	06/18/24
BF41183-BLK1	Blank	06/18/24
BF41183-DUP1	Duplicate	06/18/24
BF41183-MS1	Matrix Spike	06/18/24
BF41183-PS1	Post Spike	06/18/24
BF41183-SRM1	Reference	06/18/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

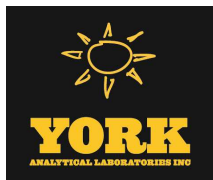
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40974 - EPA 5035A

Blank (BF40974-BLK1)

Prepared & Analyzed: 06/14/2024

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	"
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 BF40974 - EPA 5035A

Blank (BF40974-BLK1)

Prepared & Analyzed: 06/14/2024

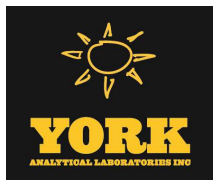
Methylene chloride	ND	0.010	mg/kg wet
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	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	60.8	ug/L	50.0	122	77-125
Surrogate: SURR: Toluene-d8	51.1	"	50.0	102	85-120
Surrogate: SURR: p-Bromofluorobenzene	51.6	"	50.0	103	76-130

LCS (BF40974-BS1)

Prepared & Analyzed: 06/14/2024

1,1,1,2-Tetrachloroethane	47	ug/L	50.0	94.9	75-129	
1,1,1-Trichloroethane	55	"	50.0	110	71-137	
1,1,2,2-Tetrachloroethane	53	"	50.0	107	79-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	80	"	50.0	160	58-146	High Bias
1,1,2-Trichloroethane	49	"	50.0	97.8	83-123	
1,1-Dichloroethane	50	"	50.0	99.6	75-130	
1,1-Dichloroethylene	78	"	50.0	155	64-137	High Bias
1,2,3-Trichlorobenzene	48	"	50.0	96.3	81-140	
1,2,3-Trichloropropane	54	"	50.0	107	81-126	
1,2,4-Trichlorobenzene	50	"	50.0	99.8	80-141	
1,2,4-Trimethylbenzene	52	"	50.0	104	84-125	
1,2-Dibromo-3-chloropropane	50	"	50.0	100	74-142	
1,2-Dibromoethane	53	"	50.0	106	86-123	
1,2-Dichlorobenzene	50	"	50.0	100	85-122	
1,2-Dichloroethane	61	"	50.0	121	71-133	
1,2-Dichloropropane	50	"	50.0	99.3	81-122	
1,3,5-Trimethylbenzene	52	"	50.0	104	82-126	
1,3-Dichlorobenzene	51	"	50.0	102	84-124	
1,4-Dichlorobenzene	49	"	50.0	98.0	84-124	
1,4-Dioxane	1200	"	1050	115	10-228	
2-Butanone	53	"	50.0	106	58-147	
2-Hexanone	56	"	50.0	113	70-139	
4-Methyl-2-pentanone	58	"	50.0	115	72-132	
Acetone	50	"	50.0	99.5	36-155	
Acrolein	55	"	50.0	111	10-238	
Acrylonitrile	51	"	50.0	103	66-141	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

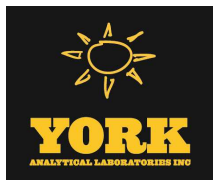
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40974 - EPA 5035A

LCS (BF40974-BS1)

Prepared & Analyzed: 06/14/2024

Benzene	51		ug/L	50.0		101	77-127				
Bromochloromethane	52		"	50.0		103	74-129				
Bromodichloromethane	52		"	50.0		105	81-124				
Bromoform	42		"	50.0		84.8	80-136				
Bromomethane	73		"	50.0		147	32-177				
Carbon disulfide	66		"	50.0		131	10-136				
Carbon tetrachloride	53		"	50.0		107	66-143				
Chlorobenzene	50		"	50.0		99.6	86-120				
Chloroethane	66		"	50.0		133	51-142				
Chloroform	52		"	50.0		105	76-131				
Chloromethane	56		"	50.0		112	49-132				
cis-1,2-Dichloroethylene	52		"	50.0		104	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		94.6	81-129				
Cyclohexane	49		"	50.0		98.7	70-130				
Dibromochloromethane	48		"	50.0		95.1	10-200				
Dibromomethane	53		"	50.0		105	83-124				
Dichlorodifluoromethane	71		"	50.0		141	28-158				
Ethyl Benzene	54		"	50.0		109	84-125				
Hexachlorobutadiene	47		"	50.0		93.7	83-133				
Isopropylbenzene	51		"	50.0		101	81-127				
Methyl acetate	48		"	50.0		96.5	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131				
Methylcyclohexane	47		"	50.0		94.5	70-130				
Methylene chloride	54		"	50.0		108	57-141				
n-Butylbenzene	54		"	50.0		108	80-130				
n-Propylbenzene	52		"	50.0		103	74-136				
o-Xylene	52		"	50.0		105	83-123				
p- & m- Xylenes	110		"	100		114	82-128				
p-Isopropyltoluene	53		"	50.0		106	85-125				
sec-Butylbenzene	50		"	50.0		101	83-125				
Styrene	51		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	49		"	50.0		97.9	80-127				
Tetrachloroethylene	43		"	50.0		85.3	80-129				
Toluene	52		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.0	78-132				
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135				
Trichloroethylene	51		"	50.0		102	84-123				
Trichlorofluoromethane	80		"	50.0		160	62-140	High Bias			
Vinyl Chloride	63		"	50.0		126	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	60.7		"	50.0		121	77-125				
Surrogate: SURR: Toluene-d8	50.0		"	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.6		"	50.0		97.1	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 BF40802 - EPA 3550C

Blank (BF40802-BLK1)

Prepared: 06/12/2024 Analyzed: 06/13/2024

Acenaphthene	ND	0.042	mg/kg wet
Acenaphthylene	ND	0.042	"
Anthracene	ND	0.042	"
Benzo(a)anthracene	ND	0.042	"
Benzo(a)pyrene	0.027	0.042	"
Benzo(b)fluoranthene	0.039	0.042	"
Benzo(g,h,i)perylene	0.053	0.042	"
Benzo(k)fluoranthene	0.029	0.042	"
Chrysene	ND	0.042	"
Dibenzo(a,h)anthracene	0.032	0.042	"
Fluoranthene	ND	0.042	"
Fluorene	ND	0.042	"
Indeno(1,2,3-cd)pyrene	0.050	0.042	"
Naphthalene	ND	0.042	"
Phenanthrene	ND	0.042	"
Pyrene	ND	0.042	"

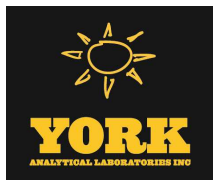
Surrogate: SURR: Nitrobenzene-d5	0.66	"	0.831	79.3	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.66	"	0.831	79.8	21-113
Surrogate: SURR: Terphenyl-d14	0.66	"	0.831	79.8	24-116

LCS (BF40802-BS1)

Prepared: 06/12/2024 Analyzed: 06/13/2024

Acenaphthene	0.61	0.042	mg/kg wet	0.831	73.4	17-124
Acenaphthylene	0.55	0.042	"	0.831	65.7	16-124
Anthracene	0.61	0.042	"	0.831	73.4	24-124
Benzo(a)anthracene	0.63	0.042	"	0.831	75.6	25-134
Benzo(a)pyrene	0.65	0.042	"	0.831	78.2	29-144
Benzo(b)fluoranthene	0.66	0.042	"	0.831	78.9	20-151
Benzo(g,h,i)perylene	0.66	0.042	"	0.831	79.2	10-153
Benzo(k)fluoranthene	0.66	0.042	"	0.831	78.9	10-148
Chrysene	0.61	0.042	"	0.831	74.0	24-116
Dibenzo(a,h)anthracene	0.69	0.042	"	0.831	82.6	17-147
Fluoranthene	0.62	0.042	"	0.831	74.2	36-125
Fluorene	0.61	0.042	"	0.831	73.3	16-130
Indeno(1,2,3-cd)pyrene	0.77	0.042	"	0.831	93.1	10-155
Naphthalene	0.61	0.042	"	0.831	72.9	20-121
Phenanthrene	0.61	0.042	"	0.831	73.6	24-123
Pyrene	0.59	0.042	"	0.831	71.0	24-132

Surrogate: SURR: Nitrobenzene-d5	0.70	"	0.831	83.7	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.74	"	0.831	89.6	21-113
Surrogate: SURR: Terphenyl-d14	0.76	"	0.831	91.2	24-116



Semivolatile Organic Compounds by GC/MS - Quality Control Data

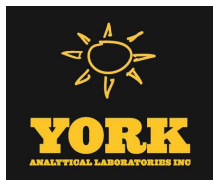
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40802 - EPA 3550C

Matrix Spike (BF40802-MS1)		*Source sample: 24F0810-02 (SB-2 0.5-1 20240611)					Prepared: 06/12/2024 Analyzed: 06/13/2024				
Acenaphthene	0.60	0.090	mg/kg dry	0.897	ND	66.4	13-133				
Acenaphthylene	0.52	0.090	"	0.897	ND	57.6	25-125				
Anthracene	0.64	0.090	"	0.897	0.097	60.3	27-128				
Benzo(a)anthracene	1.3	0.090	"	0.897	0.67	69.8	20-147				
Benzo(a)pyrene	1.2	0.090	"	0.897	0.58	67.9	18-153				
Benzo(b)fluoranthene	1.7	0.090	"	0.897	0.91	85.6	10-163				
Benzo(g,h,i)perylene	1.2	0.090	"	0.897	0.42	83.1	10-157				
Benzo(k)fluoranthene	0.92	0.090	"	0.897	0.28	71.1	10-157				
Chrysene	1.6	0.090	"	0.897	0.83	86.7	18-133				
Dibenzo(a,h)anthracene	0.75	0.090	"	0.897	0.12	70.4	10-146				
Fluoranthene	2.3	0.090	"	0.897	1.4	105	10-155				
Fluorene	0.58	0.090	"	0.897	ND	65.2	12-150				
Indeno(1,2,3-cd)pyrene	1.3	0.090	"	0.897	0.50	89.6	10-155				
Naphthalene	0.58	0.090	"	0.897	ND	64.7	15-132				
Phenanthrene	1.5	0.090	"	0.897	0.76	79.5	10-151				
Pyrene	2.3	0.090	"	0.897	1.5	88.8	13-148				
Surrogate: SURR: Nitrobenzene-d5		0.67	"	0.897		75.0	22-108				
Surrogate: SURR: 2-Fluorobiphenyl		0.73	"	0.897		81.4	21-113				
Surrogate: SURR: Terphenyl-d14		0.80	"	0.897		88.8	24-116				

Matrix Spike Dup (BF40802-MSD1)		*Source sample: 24F0810-02 (SB-2 0.5-1 20240611)					Prepared: 06/12/2024 Analyzed: 06/13/2024				
Acenaphthene	0.67	0.090	mg/kg dry	0.897	ND	75.2	13-133		12.4	30	
Acenaphthylene	0.54	0.090	"	0.897	ND	59.8	25-125		3.68	30	
Anthracene	3.3	0.090	"	0.897	0.097	356	27-128	High Bias	135	30	Non-dir.
Benzo(a)anthracene	2.3	0.090	"	0.897	0.67	177	20-147	High Bias	54.3	30	Non-dir.
Benzo(a)pyrene	2.0	0.090	"	0.897	0.58	153	18-153		48.7	30	Non-dir.
Benzo(b)fluoranthene	2.6	0.090	"	0.897	0.91	193	10-163	High Bias	44.6	30	Non-dir.
Benzo(g,h,i)perylene	1.6	0.090	"	0.897	0.42	134	10-157		33.0	30	Non-dir.
Benzo(k)fluoranthene	1.3	0.090	"	0.897	0.28	113	10-157		34.0	30	Non-dir.
Chrysene	2.6	0.090	"	0.897	0.83	192	18-133	High Bias	45.4	30	Non-dir.
Dibenzo(a,h)anthracene	0.95	0.090	"	0.897	0.12	91.7	10-146		22.5	30	
Fluoranthene	4.3	0.090	"	0.897	1.4	324	10-155	High Bias	60.0	30	Non-dir.
Fluorene	0.72	0.090	"	0.897	ND	80.6	12-150		21.2	30	
Indeno(1,2,3-cd)pyrene	1.8	0.090	"	0.897	0.50	148	10-155		33.3	30	Non-dir.
Naphthalene	0.60	0.090	"	0.897	ND	66.6	15-132		2.92	30	
Phenanthrene	3.4	0.090	"	0.897	0.76	292	10-151	High Bias	78.5	30	Non-dir.
Pyrene	5.8	0.090	"	0.897	1.5	473	13-148	High Bias	84.8	30	Non-dir.
Surrogate: SURR: Nitrobenzene-d5		0.70	"	0.897		77.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl		0.77	"	0.897		86.1	21-113				
Surrogate: SURR: Terphenyl-d14		0.92	"	0.897		102	24-116				



Organochlorine Pesticides 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 BF40857 - EPA 3550C

Blank (BF40857-BLK1)

Prepared & Analyzed: 06/13/2024

4,4'-DDD	ND	1.64	ug/kg wet
4,4'-DDE	ND	1.64	"
4,4'-DDT	ND	1.64	"
Aldrin	ND	1.64	"
alpha-BHC	ND	1.64	"
alpha-Chlordane	ND	1.64	"
beta-BHC	ND	1.64	"
delta-BHC	ND	1.64	"
Dieldrin	ND	1.64	"
Endosulfan I	ND	1.64	"
Endosulfan II	ND	1.64	"
Endosulfan sulfate	ND	1.64	"
Endrin	ND	1.64	"
gamma-BHC (Lindane)	ND	1.64	"
Heptachlor	ND	1.64	"

Surrogate: Decachlorobiphenyl

36.4

"

66.4

54.8

30-150

Surrogate: Tetrachloro-m-xylene

48.4

"

66.4

72.8

30-150

LCS (BF40857-BS1)

Prepared & Analyzed: 06/13/2024

4,4'-DDD	27.8	1.64	ug/kg wet	33.2	83.8	40-140
4,4'-DDE	29.5	1.64	"	33.2	88.8	40-140
4,4'-DDT	27.7	1.64	"	33.2	83.3	40-140
Aldrin	29.4	1.64	"	33.2	88.6	40-140
alpha-BHC	29.2	1.64	"	33.2	87.8	40-140
alpha-Chlordane	30.0	1.64	"	33.2	90.2	40-140
beta-BHC	30.8	1.64	"	33.2	92.7	40-140
delta-BHC	27.0	1.64	"	33.2	81.2	40-140
Dieldrin	29.2	1.64	"	33.2	88.0	40-140
Endosulfan I	30.5	1.64	"	33.2	91.8	40-140
Endosulfan II	31.6	1.64	"	33.2	95.1	40-140
Endosulfan sulfate	29.5	1.64	"	33.2	88.8	40-140
Endrin	30.1	1.64	"	33.2	90.6	40-140
gamma-BHC (Lindane)	29.1	1.64	"	33.2	87.5	40-140
Heptachlor	30.8	1.64	"	33.2	92.6	40-140

Surrogate: Decachlorobiphenyl

38.4

"

66.4

57.8

30-150

Surrogate: Tetrachloro-m-xylene

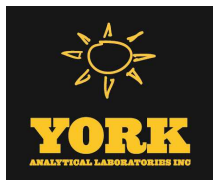
56.7

"

66.4

85.3

30-150



Organochlorine Pesticides by GC/ECD - Quality Control Data

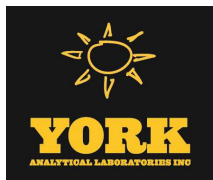
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF40857 - EPA 3550C

Matrix Spike (BF40857-MS1)		*Source sample: 24F0829-03 (Matrix Spike)						Prepared: 06/13/2024 Analyzed: 06/14/2024			
4,4'-DDD	30.9	1.64	ug/kg dry	35.5	ND	87.0	30-150				
4,4'-DDE	31.0	1.64	"	35.5	ND	87.2	30-150				
4,4'-DDT	28.1	1.64	"	35.5	ND	79.2	30-150				
Aldrin	30.5	1.64	"	35.5	ND	85.8	30-150				
alpha-BHC	30.2	1.64	"	35.5	ND	85.1	30-150				
alpha-Chlordane	31.7	1.64	"	35.5	ND	89.2	30-150				
beta-BHC	32.7	1.64	"	35.5	ND	92.0	30-150				
delta-BHC	28.1	1.64	"	35.5	ND	79.1	30-150				
Dieldrin	31.0	1.64	"	35.5	ND	87.2	30-150				
Endosulfan I	33.0	1.64	"	35.5	ND	92.8	30-150				
Endosulfan II	33.5	1.64	"	35.5	ND	94.1	30-150				
Endosulfan sulfate	31.2	1.64	"	35.5	ND	87.9	30-150				
Endrin	31.2	1.64	"	35.5	ND	87.8	30-150				
gamma-BHC (Lindane)	30.5	1.64	"	35.5	ND	85.8	30-150				
Heptachlor	32.0	1.64	"	35.5	ND	90.0	30-150				
Surrogate: Decachlorobiphenyl	43.1		"	71.1		60.6	30-150				
Surrogate: Tetrachloro-m-xylene	58.7		"	71.1		82.6	30-150				

Matrix Spike Dup (BF40857-MSD1)		*Source sample: 24F0829-03 (Matrix Spike Dup)						Prepared: 06/13/2024 Analyzed: 06/14/2024			
4,4'-DDD	25.4	1.64	ug/kg dry	35.5	ND	71.4	30-150	19.6	30		
4,4'-DDE	25.4	1.64	"	35.5	ND	71.5	30-150	19.8	30		
4,4'-DDT	23.0	1.64	"	35.5	ND	64.8	30-150	20.0	30		
Aldrin	25.0	1.64	"	35.5	ND	70.4	30-150	19.7	30		
alpha-BHC	24.7	1.64	"	35.5	ND	69.4	30-150	20.3	30		
alpha-Chlordane	26.0	1.64	"	35.5	ND	73.2	30-150	19.6	30		
beta-BHC	27.1	1.64	"	35.5	ND	76.3	30-150	18.6	30		
delta-BHC	22.8	1.64	"	35.5	ND	64.2	30-150	20.8	30		
Dieldrin	25.5	1.64	"	35.5	ND	71.8	30-150	19.4	30		
Endosulfan I	27.2	1.64	"	35.5	ND	76.4	30-150	19.3	30		
Endosulfan II	27.6	1.64	"	35.5	ND	77.6	30-150	19.2	30		
Endosulfan sulfate	25.6	1.64	"	35.5	ND	72.0	30-150	20.0	30		
Endrin	25.6	1.64	"	35.5	ND	72.1	30-150	19.6	30		
gamma-BHC (Lindane)	24.9	1.64	"	35.5	ND	70.2	30-150	20.0	30		
Heptachlor	26.1	1.64	"	35.5	ND	73.6	30-150	20.1	30		
Surrogate: Decachlorobiphenyl	36.2		"	71.1		50.9	30-150				
Surrogate: Tetrachloro-m-xylene	48.5		"	71.1		68.2	30-150				



Organochlorine Pesticides 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 S4D1660 - BD40913

Performance Mix (S4D1660-PEM1)

Prepared & Analyzed: 04/15/2024

4,4'-DDD	4.76		ng/mL	0.00			0-200			
4,4'-DDE	0.412		"	0.00			0-200			
4,4'-DDT	201		"	200		100	0-200			
Endrin	105		"	100		105	0-200			

Batch S4E1330 - BE40229

Performance Mix (S4E1330-PEM1)

Prepared & Analyzed: 05/10/2024

4,4'-DDD	1.62		ng/mL	0.00			0-200			
4,4'-DDE	0.687		"	0.00			0-200			
4,4'-DDT	156		"	200		78.1	0-200			
Endrin	86.6		"	100		86.6	0-200			

Batch S4F1351 - BF40857

Performance Mix (S4F1351-PEM1)

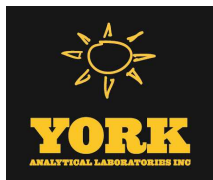
Prepared & Analyzed: 06/13/2024

4,4'-DDD	1.80		ng/mL	0.00			0-200			
4,4'-DDE	0.454		"	0.00			0-200			
4,4'-DDT	148		"	200		73.8	0-200			
Endrin	81.1		"	100		81.1	0-200			

Performance Mix (S4F1351-PEM2)

Prepared & Analyzed: 06/13/2024

4,4'-DDD	2.60		ng/mL	0.00			0-200			
4,4'-DDE	1.16		"	0.00			0-200			
4,4'-DDT	158		"	200		79.0	0-200			
Endrin	86.1		"	100		86.1	0-200			



Organochlorine Pesticides 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 S4F1432 - BF40962

Performance Mix (S4F1432-PEM1)

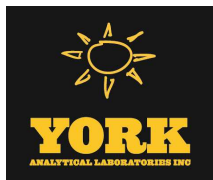
Prepared & Analyzed: 06/14/2024

4,4'-DDD	1.48		ng/mL	0.00			0-200			
4,4'-DDE	0.250		"	0.00			0-200			
4,4'-DDT	153		"	200		76.6	0-200			
Endrin	82.0		"	100		82.0	0-200			

Performance Mix (S4F1432-PEM2)

Prepared & Analyzed: 06/14/2024

4,4'-DDD	0.00		ng/mL	0.00			0-200			
4,4'-DDE	0.00		"	0.00			0-200			
4,4'-DDT	0.00		"	200			0-200			
Endrin	0.00		"	100			0-200			



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 BF40857 - EPA 3550C

Blank (BF40857-BLK2)

Prepared & Analyzed: 06/13/2024

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0405		"	0.0664		61.0	30-140				
Surrogate: Decachlorobiphenyl	0.0332		"	0.0664		50.0	30-140				

LCS (BF40857-BS2)

Prepared & Analyzed: 06/13/2024

Aroclor 1016	0.233	0.0166	mg/kg wet	0.332		70.3	40-130				
Aroclor 1260	0.241	0.0166	"	0.332		72.6	40-130				
Surrogate: Tetrachloro-m-xylene	0.0429		"	0.0664		64.5	30-140				
Surrogate: Decachlorobiphenyl	0.0342		"	0.0664		51.5	30-140				

Matrix Spike (BF40857-MS2)

*Source sample: 24F0829-03 (Matrix Spike)

Prepared: 06/13/2024 Analyzed: 06/14/2024

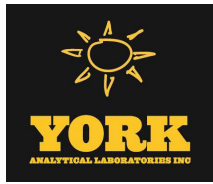
Aroclor 1016	0.267	0.0178	mg/kg dry	0.355	ND	75.1	40-140				
Aroclor 1260	0.289	0.0178	"	0.355	ND	81.5	40-140				
Surrogate: Tetrachloro-m-xylene	0.0512		"	0.0711		72.0	30-140				
Surrogate: Decachlorobiphenyl	0.0423		"	0.0711		59.5	30-140				

Matrix Spike Dup (BF40857-MSD2)

*Source sample: 24F0829-03 (Matrix Spike Dup)

Prepared: 06/13/2024 Analyzed: 06/14/2024

Aroclor 1016	0.264	0.0178	mg/kg dry	0.355	ND	74.3	40-140	1.12	50		
Aroclor 1260	0.285	0.0178	"	0.355	ND	80.2	40-140	1.53	50		
Surrogate: Tetrachloro-m-xylene	0.0505		"	0.0711		71.0	30-140				
Surrogate: Decachlorobiphenyl	0.0409		"	0.0711		57.5	30-140				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

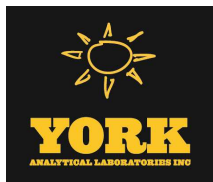
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch S4F1353 - BF40657

Aroclor Reference (S4F1353-ARC1)

Prepared & Analyzed: 06/13/2024

Surrogate: Tetrachloro-m-xylene	0.185		ug/mL	0.200		92.5					
Surrogate: Decachlorobiphenyl	0.240		"	0.200		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 BF41183 - EPA 3050B

Blank (BF41183-BLK1)

Prepared: 06/18/2024 Analyzed: 06/19/2024

Arsenic	ND	1.25	mg/kg wet
Barium	ND	2.08	"
Cadmium	ND	0.250	"
Chromium	ND	0.417	"
Lead	ND	0.417	"
Selenium	ND	2.08	"
Silver	ND	0.420	"

Duplicate (BF41183-DUP1)

*Source sample: 24F0848-02 (Duplicate)

Prepared: 06/18/2024 Analyzed: 06/19/2024

Arsenic	3.82	1.52	mg/kg dry	3.68	3.86	35
Barium	81.6	2.53	"	74.7	8.93	35
Cadmium	ND	0.304	"	ND		35
Chromium	18.4	0.507	"	18.9	2.83	35
Lead	52.6	0.507	"	52.0	1.31	35
Selenium	ND	2.53	"	3.92		35
Silver	ND	0.510	"	ND		35

Matrix Spike (BF41183-MS1)

*Source sample: 24F0848-02 (Matrix Spike)

Prepared: 06/18/2024 Analyzed: 06/19/2024

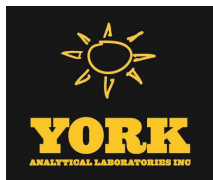
Arsenic	226	1.52	mg/kg dry	203	3.68	110	75-125
Barium	311	2.53	"	203	74.7	117	75-125
Cadmium	5.61	0.304	"	5.06	ND	111	75-125
Chromium	39.4	0.507	"	20.3	18.9	102	75-125
Lead	221	0.507	"	50.6	52.0	335	75-125 High Bias
Selenium	225	2.53	"	203	3.92	109	75-125
Silver	2.40	0.510	"	5.06	ND	47.4	75-125 Low Bias

Post Spike (BF41183-PS1)

*Source sample: 24F0848-02 (Post Spike)

Prepared: 06/18/2024 Analyzed: 06/19/2024

Arsenic	2.18		mg/L	2.00	0.036	107	75-125
Barium	2.98		"	2.00	0.737	112	75-125
Cadmium	0.051		"	0.0500	0.0009	99.3	75-125
Chromium	0.407		"	0.200	0.186	110	75-125
Lead	1.03		"	0.500	0.513	104	75-125
Selenium	2.19		"	2.00	0.039	108	75-125
Silver	0.029		"	0.0500	-0.031	57.7	75-125 Low Bias



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

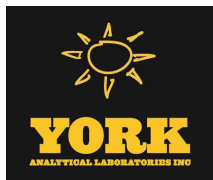
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BF41183 - EPA 3050B

Reference (BF41183-SRM1)

Prepared: 06/18/2024 Analyzed: 06/19/2024

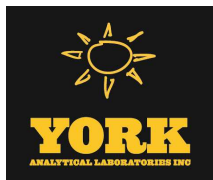
Arsenic	335	1.25	mg/kg wet	360	93.1	70.6-102.2
Barium	304	2.08	"	332	91.5	75-108.1
Cadmium	216	0.250	"	238	90.8	73.5-105
Chromium	186	0.417	"	199	93.7	73.4-107
Lead	96.9	0.417	"	100	96.9	75.9-110
Selenium	180	2.08	"	170	106	78.2-115.9
Silver	78.2	0.420	"	88.6	88.3	73.9-112



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	Limit	Flag
Batch BF41008 - EPA 7473 soil											
Blank (BF41008-BLK1)								Prepared: 06/15/2024 Analyzed: 06/18/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF41008-DUP1)								Prepared: 06/15/2024 Analyzed: 06/18/2024			
Mercury	0.205	0.0323	mg/kg dry		0.225				9.40	35	
Matrix Spike (BF41008-MS1)								Prepared: 06/15/2024 Analyzed: 06/18/2024			
Mercury	0.680		mg/kg	18.2	0.210	2.58	75-125	Low Bias			
Reference (BF41008-SRM1)								Prepared: 06/15/2024 Analyzed: 06/18/2024			
Mercury	19.862		mg/kg	18.2		109	59.9-140.1				



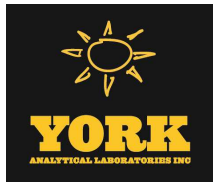
Miscellaneous Physical Parameters - Quality Control Data

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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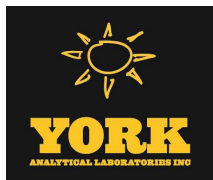
Batch BF40923 - % Solids Prep

Duplicate (BF40923-DUP1)		*Source sample: 24F0818-01 (Duplicate)						Prepared & Analyzed: 06/14/2024			
% Solids	89.2	0.100	%		89.1				0.108	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0810-01	SB-1 3-4 20240611	40mL Vial with Stir Bar-Cool 4° C
24F0810-02	SB-2 0.5-1 20240611	40mL Vial with Stir Bar-Cool 4° C
24F0810-03	SB-3 1-3 20240611	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

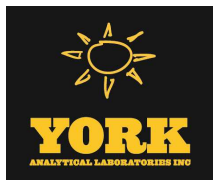
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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).
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.

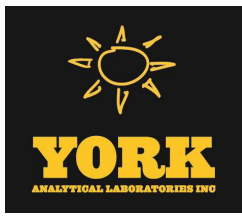
20 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@worklab.com 800-306-YORK

YORK Project Number

24/08/20

Page 1 of 1

Report To:		Invoice To:		YOUR Project Name / Number		Turn-Around Time	
Company: PVE ENGINEERING	Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, NY 12603	Company: SAME	Address: SAME	CT	PA	Other: (please specify)	RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day
Phone: 845-324-1111	Phone: 845-324-1111	Phone: 845-324-1111	Phone: 845-324-1111	Analyses Requested		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
E-mail: ASPADVECCHIA@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	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	
Matrix Codes		Matrix Codes		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	
S - soil/solid/sludge	GW - groundwater	DW - drinking water	SW - surface water	WW - wastewater	O - Oil	Other	Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP
Date		Date		Date		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
6-11-24		6-11-24		6-11-24		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
1325		1325		1325		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
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1515		1515		1515		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
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6-11-24		6-11-24		6-11-24		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
1515							



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Trevor Treglia

Report Date: 06/25/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0814

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: 06/25/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0814

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Trevor Treglia

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 June 12, 2024 and listed below. The project was identified as your project: **20240218**.

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>
24F0814-01	SV-1 20240611	Soil Vapor	06/11/2024	06/12/2024
24F0814-02	SV-2 20240611	Soil Vapor	06/11/2024	06/12/2024
24F0814-03	SV-3 20240611	Soil Vapor	06/11/2024	06/12/2024
24F0814-04	SV-4 20240611	Soil Vapor	06/11/2024	06/12/2024
24F0814-05	SV-5 20240611	Soil Vapor	06/11/2024	06/12/2024
24F0814-06	SSV-1 20240611	Soil Vapor	06/11/2024	06/12/2024

General Notes for York Project (SDG) No.: 24F0814

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.

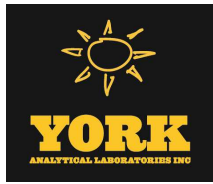
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/25/2024





Sample Information

Client Sample ID: SV-1 20240611

York Sample ID: 24F0814-01

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 9:28 am

Date Received

06/12/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

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
540-84-1	* 2,2,4-Trimethylpentane	2.82		ug/m ³	0.320	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR

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	0.94	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.75	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.94	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.1	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.75	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.14	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LC S-L	ug/m ³	1.0	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
95-63-6	1,2,4-Trimethylbenzene	29		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.82	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.63	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.96	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
108-67-8	1,3,5-Trimethylbenzene	7.4		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR



Sample Information

Client Sample ID: SV-1 20240611

York Sample ID: 24F0814-01

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 9:28 am

Date Received
06/12/2024

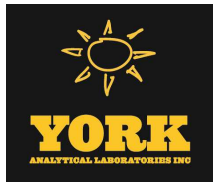
Volatile Organics, EPA TO15 Full List

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
106-99-0	1,3-Butadiene	6.2		ug/m ³	0.91	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.82	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.63	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.82	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	0.99	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
78-93-3	2-Butanone	18		ug/m ³	0.40	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
591-78-6	* 2-Hexanone	12	CAL-E, TO-CC V, TO-LC S-H	ug/m ³	1.1	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.1	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
108-10-1	4-Methyl-2-pentanone	58		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
67-64-1	Acetone	100		ug/m ³	6.5	13.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 12:00	06/21/2024 03:58	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.30	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
71-43-2	Benzene	7.3		ug/m ³	0.44	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	0.71	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	0.92	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-25-2	Bromoform	ND		ug/m ³	1.4	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
74-83-9	Bromomethane	ND		ug/m ³	0.53	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-15-0	Carbon disulfide	6.0		ug/m ³	0.43	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.22	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.63	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR



Sample Information

Client Sample ID: SV-1 20240611

York Sample ID: 24F0814-01

York Project (SDG) No.

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Client Project ID

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Matrix

Soil Vapor

Collection Date/Time

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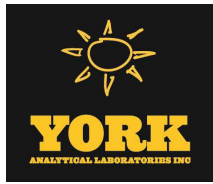
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m ³	0.36	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
67-66-3	Chloroform	2.8		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
74-87-3	Chloromethane	ND	CAL-E	ug/m ³	0.28	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.14	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.62	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
110-82-7	Cyclohexane	2.8		ug/m ³	0.47	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	1.2	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-71-8	Dichlorodifluoromethane	3.9		ug/m ³	0.68	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	0.99	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
100-41-4	Ethyl Benzene	76		ug/m ³	0.60	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.5	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
67-63-0	Isopropanol	4.7		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.49	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-09-2	Methylene chloride	ND		ug/m ³	0.95	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
91-20-3	* Naphthalene	5.5	CAL-E	ug/m ³	1.4	1.372	EPA TO-15 Certifications: NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
142-82-5	n-Heptane	8.5		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
110-54-3	n-Hexane	12		ug/m ³	0.48	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
95-47-6	o-Xylene	25		ug/m ³	0.60	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
179601-23-1	p- & m- Xylenes	72		ug/m ³	1.2	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR



Sample Information

Client Sample ID: SV-1 20240611

York Sample ID: 24F0814-01

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 9:28 am

Date Received

06/12/2024

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
622-96-8	* p-Ethyltoluene	39		ug/m ³	0.67	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
115-07-1	* Propylene	100	TO-LC S-H	ug/m ³	0.24	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
100-42-5	Styrene	1.9		ug/m ³	0.58	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.93	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.81	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 19:48	YR
108-88-3	Toluene	60		ug/m ³	0.52	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.54	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.62	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
79-01-6	Trichloroethylene	0.29		ug/m ³	0.18	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.77	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.48	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.60	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR
75-01-4	Vinyl Chloride	0.56		ug/m ³	0.18	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 19:48	YR

Sample Information

Client Sample ID: SV-2 20240611

York Sample ID: 24F0814-02

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:11 am

Date Received

06/12/2024

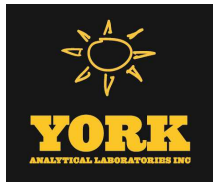
VOA, TO15 Isooctane (2,2,4-TMP) Add On

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
540-84-1	* 2,2,4-Trimethylpentane	5.18		ug/m ³	0.699	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR



Sample Information

Client Sample ID: SV-2 20240611

York Sample ID: 24F0814-02

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:11 am

Date Received

06/12/2024

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	2.1	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.6	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.3	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.6	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.30	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LC S-L	ug/m ³	2.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
95-63-6	1,2,4-Trimethylbenzene	25		ug/m ³	1.5	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.3	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.8	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.4	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
108-67-8	1,3,5-Trimethylbenzene	6.5		ug/m ³	1.5	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
106-99-0	1,3-Butadiene	2.7		ug/m ³	2.0	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.8	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.4	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.8	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR



Sample Information

Client Sample ID: SV-2 20240611

York Sample ID: 24F0814-02

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 10:11 am

Date Received
06/12/2024

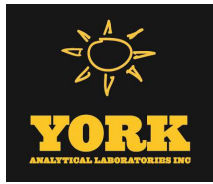
Volatile Organics, EPA TO15 Full List

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
123-91-1	1,4-Dioxane	ND		ug/m ³	2.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
78-93-3	2-Butanone	14		ug/m ³	0.88	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
591-78-6	* 2-Hexanone	29	CAL-E, TO-CC V, TO-LC S-H	ug/m ³	2.5	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
107-05-1	3-Chloropropene	ND		ug/m ³	4.7	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
108-10-1	4-Methyl-2-pentanone	210		ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
67-64-1	Acetone	220		ug/m ³	1.4	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.65	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
71-43-2	Benzene	12		ug/m ³	0.96	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	1.6	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-27-4	Bromodichloromethane	7.6		ug/m ³	2.0	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-25-2	Bromoform	ND		ug/m ³	3.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
74-83-9	Bromomethane	ND		ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-15-0	Carbon disulfide	43		ug/m ³	0.93	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.47	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
108-90-7	Chlorobenzene	ND		ug/m ³	1.4	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-00-3	Chloroethane	ND		ug/m ³	0.79	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
67-66-3	Chloroform	46		ug/m ³	1.5	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
74-87-3	Chloromethane	1.7	CAL-E	ug/m ³	0.62	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.30	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR



Sample Information

Client Sample ID: SV-2 20240611

York Sample ID: 24F0814-02

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:11 am

Date Received

06/12/2024

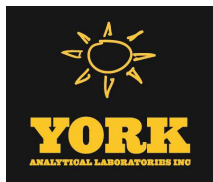
Volatile Organics, EPA TO15 Full List

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.4	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
110-82-7	Cyclohexane	4.5		ug/m ³	1.0	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	2.6	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-71-8	Dichlorodifluoromethane	3.1		ug/m ³	1.5	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	2.2	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
100-41-4	Ethyl Benzene	88		ug/m ³	1.3	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	3.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
67-63-0	Isopropanol	7.0		ug/m ³	1.5	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
80-62-6	Methyl Methacrylate	3.6	TO-CC V	ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-09-2	Methylene chloride	ND		ug/m ³	2.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
91-20-3	* Naphthalene	3.6	CAL-E	ug/m ³	3.1	2.994	EPA TO-15 Certifications: NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
142-82-5	n-Heptane	9.2		ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
110-54-3	n-Hexane	11		ug/m ³	1.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
95-47-6	o-Xylene	28		ug/m ³	1.3	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
179601-23-1	p- & m- Xylenes	81		ug/m ³	2.6	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
622-96-8	* p-Ethyltoluene	36		ug/m ³	1.5	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
115-07-1	* Propylene	37	TO-LC S-H	ug/m ³	0.52	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
100-42-5	Styrene	13		ug/m ³	1.3	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	2.0	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR



Sample Information

Client Sample ID: SV-2 20240611

York Sample ID: 24F0814-02

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 10:11 am

Date Received
06/12/2024

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
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.8	2.994	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 20:28	YR
108-88-3	Toluene	79		ug/m ³	1.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.2	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.4	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
79-01-6	Trichloroethylene	0.64		ug/m ³	0.40	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-69-4	Trichlorofluoromethane (Freon 11)	3.5		ug/m ³	1.7	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
108-05-4	Vinyl acetate	ND		ug/m ³	1.1	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
593-60-2	Vinyl bromide	ND		ug/m ³	1.3	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR
75-01-4	Vinyl Chloride	0.54		ug/m ³	0.38	2.994	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 20:28	YR

Sample Information

Client Sample ID: SV-3 20240611

York Sample ID: 24F0814-03

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 10:27 am

Date Received
06/12/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

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
540-84-1	* 2,2,4-Trimethylpentane	4.79		ug/m ³	0.630	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR

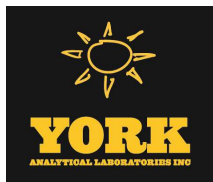
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.9	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.5	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR



Sample Information

Client Sample ID: SV-3 20240611

York Sample ID: 24F0814-03

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
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Date Received
06/12/2024

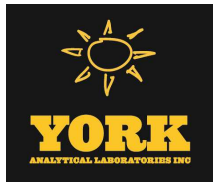
Volatile Organics, EPA TO15 Full List

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.9	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.5	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.27	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LC S-L	ug/m ³	2.0	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
95-63-6	1,2,4-Trimethylbenzene	26		ug/m ³	1.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.6	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.9	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
108-67-8	1,3,5-Trimethylbenzene	6.5		ug/m ³	1.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
106-99-0	1,3-Butadiene	8.9		ug/m ³	1.8	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.6	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.2	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.6	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	1.9	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
78-93-3	2-Butanone	10		ug/m ³	0.80	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR



Sample Information

Client Sample ID: SV-3 20240611

York Sample ID: 24F0814-03

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:27 am

Date Received

06/12/2024

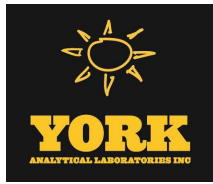
Volatile Organics, EPA TO15 Full List

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	11	CAL-E, TO-CC V, TO-LC S-H	ug/m ³	2.2	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
107-05-1	3-Chloropropene	ND		ug/m ³	4.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
108-10-1	4-Methyl-2-pentanone	52		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
67-64-1	Acetone	120		ug/m ³	1.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.59	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
71-43-2	Benzene	8.7		ug/m ³	0.86	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	1.4	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-27-4	Bromodichloromethane	14		ug/m ³	1.8	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-25-2	Bromoform	ND		ug/m ³	2.8	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
74-83-9	Bromomethane	ND		ug/m ³	1.0	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-15-0	Carbon disulfide	16		ug/m ³	0.84	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.42	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
108-90-7	Chlorobenzene	ND		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-00-3	Chloroethane	ND		ug/m ³	0.71	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
67-66-3	Chloroform	73		ug/m ³	1.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
74-87-3	Chloromethane	ND	CAL-E	ug/m ³	0.56	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.27	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
110-82-7	Cyclohexane	13		ug/m ³	0.93	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR



Sample Information

Client Sample ID: SV-3 20240611

York Sample ID: 24F0814-03

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:27 am

Date Received

06/12/2024

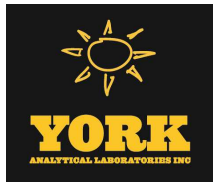
Volatile Organics, EPA TO15 Full List

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
124-48-1	Dibromochloromethane	2.8		ug/m ³	2.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-71-8	Dichlorodifluoromethane	3.1		ug/m ³	1.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	1.9	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
100-41-4	Ethyl Benzene	75		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.9	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
67-63-0	Isopropanol	1.7		ug/m ³	1.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.97	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-09-2	Methylene chloride	ND		ug/m ³	1.9	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
91-20-3	* Naphthalene	3.5	CAL-E	ug/m ³	2.8	2.696	EPA TO-15 Certifications: NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
142-82-5	n-Heptane	12		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
110-54-3	n-Hexane	10		ug/m ³	0.95	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
95-47-6	o-Xylene	26		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
179601-23-1	p- & m- Xylenes	77		ug/m ³	2.3	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
622-96-8	* p-Ethyltoluene	35		ug/m ³	1.3	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
115-07-1	* Propylene	200	TO-LC S-H	ug/m ³	0.46	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
100-42-5	Styrene	2.1		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.8	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.6	2.696	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:08	YR
108-88-3	Toluene	77		ug/m ³	1.0	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR



Sample Information

Client Sample ID: SV-3 20240611

York Sample ID: 24F0814-03

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:27 am

Date Received

06/12/2024

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.1	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.36	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	1.5	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.95	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
593-60-2	Vinyl bromide	ND		ug/m ³	1.2	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.34	2.696	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:08	YR

Sample Information

Client Sample ID: SV-4 20240611

York Sample ID: 24F0814-04

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:48 am

Date Received

06/12/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

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
540-84-1	* 2,2,4-Trimethylpentane	4.17		ug/m ³	0.320	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR

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	0.94	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.75	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.94	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR



Sample Information

Client Sample ID: SV-4 20240611

York Sample ID: 24F0814-04

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

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06/12/2024

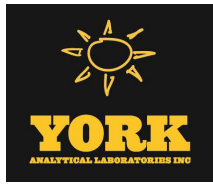
Volatile Organics, EPA TO15 Full List

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	1.1	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.75	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.14	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LC S-L	ug/m ³	1.0	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
95-63-6	1,2,4-Trimethylbenzene	28		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.1	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.82	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.63	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.96	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
108-67-8	1,3,5-Trimethylbenzene	6.7		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
106-99-0	1,3-Butadiene	1.5		ug/m ³	0.91	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.82	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.63	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.82	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
123-91-1	1,4-Dioxane	ND		ug/m ³	0.99	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
78-93-3	2-Butanone	13		ug/m ³	0.40	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR



Sample Information

Client Sample ID: SV-4 20240611

York Sample ID: 24F0814-04

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:48 am

Date Received

06/12/2024

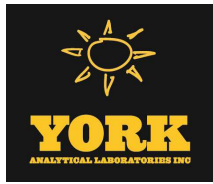
Volatile Organics, EPA TO15 Full List

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	7.7	CAL-E, TO-CC V, TO-LC S-H	ug/m ³	1.1	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
107-05-1	3-Chloropropene	ND		ug/m ³	2.1	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
108-10-1	4-Methyl-2-pentanone	3.8		ug/m ³	0.56	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
67-64-1	Acetone	150		ug/m ³	0.65	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.30	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
71-43-2	Benzene	19		ug/m ³	0.44	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	0.71	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
75-27-4	Bromodichloromethane	71		ug/m ³	0.92	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
75-25-2	Bromoform	ND		ug/m ³	1.4	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
74-83-9	Bromomethane	ND		ug/m ³	0.53	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
75-15-0	Carbon disulfide	5.0		ug/m ³	0.43	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
56-23-5	Carbon tetrachloride	0.60		ug/m ³	0.22	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.63	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
75-00-3	Chloroethane	ND		ug/m ³	0.36	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
67-66-3	Chloroform	460		ug/m ³	3.3	6.86	EPA TO-15 Certifications:	06/20/2024 12:00	06/24/2024 23:19	LT
74-87-3	Chloromethane	0.79	CAL-E	ug/m ³	0.28	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.14	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.62	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
110-82-7	Cyclohexane	39		ug/m ³	0.47	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR



Sample Information

Client Sample ID: SV-4 20240611

York Sample ID: 24F0814-04

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:48 am

Date Received

06/12/2024

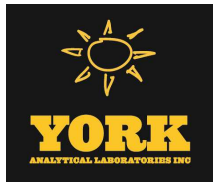
Volatile Organics, EPA TO15 Full List

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
124-48-1	Dibromochloromethane	7.2		ug/m ³	1.2	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.68	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	0.99	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
100-41-4	Ethyl Benzene	110		ug/m ³	0.60	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.5	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
67-63-0	Isopropanol	1.3		ug/m ³	0.67	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.49	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
75-09-2	Methylene chloride	ND		ug/m ³	0.95	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
91-20-3	* Naphthalene	5.2	CAL-E	ug/m ³	1.4	1.372	EPA TO-15 Certifications: NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
142-82-5	n-Heptane	53		ug/m ³	0.56	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
110-54-3	n-Hexane	96		ug/m ³	0.48	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
95-47-6	o-Xylene	27		ug/m ³	0.60	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
179601-23-1	p- & m- Xylenes	83		ug/m ³	1.2	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
622-96-8	* p-Ethyltoluene	37		ug/m ³	0.67	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
115-07-1	* Propylene	64	TO-LC S-H	ug/m ³	0.24	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
100-42-5	Styrene	2.0		ug/m ³	0.58	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.93	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.81	1.372	EPA TO-15 Certifications:	06/22/2024 12:00	06/22/2024 21:48	YR
108-88-3	Toluene	78		ug/m ³	0.52	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR



Sample Information

Client Sample ID: SV-4 20240611

York Sample ID: 24F0814-04

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 10:48 am

Date Received

06/12/2024

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.54	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.62	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
79-01-6	Trichloroethylene	ND		ug/m ³	0.18	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.77	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
108-05-4	Vinyl acetate	ND		ug/m ³	0.48	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.60	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.18	1.372	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/22/2024 12:00	06/22/2024 21:48	YR

Sample Information

Client Sample ID: SV-5 20240611

York Sample ID: 24F0814-05

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 11:09 am

Date Received

06/12/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

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
540-84-1	* 2,2,4-Trimethylpentane	5.48		ug/m ³	3.42	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	10	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT



Sample Information

Client Sample ID: SV-5 20240611

York Sample ID: 24F0814-05

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 11:09 am

Date Received
06/12/2024

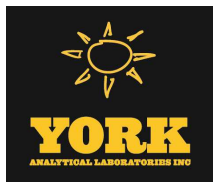
Volatile Organics, EPA TO15 Full List

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	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.9	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.5	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CC V	ug/m ³	11	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
95-63-6	1,2,4-Trimethylbenzene	30		ug/m ³	7.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.8	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.9	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.8	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	10	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
108-67-8	1,3,5-Trimethylbenzene	7.9		ug/m ³	7.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	9.7	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.8	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.8	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.8	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	11	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
78-93-3	2-Butanone	23		ug/m ³	4.3	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
591-78-6	* 2-Hexanone	ND	CAL-E	ug/m ³	12	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT



Sample Information

Client Sample ID: SV-5 20240611

York Sample ID: 24F0814-05

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 11:09 am

Date Received
06/12/2024

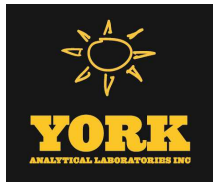
Volatile Organics, EPA TO15 Full List

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
107-05-1	3-Chloropropene	ND		ug/m ³	23	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
108-10-1	4-Methyl-2-pentanone	6.6		ug/m ³	6.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
67-64-1	Acetone	390		ug/m ³	7.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
107-13-1	Acrylonitrile	13		ug/m ³	3.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
71-43-2	Benzene	7.0		ug/m ³	4.7	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	7.6	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	9.8	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-25-2	Bromoform	ND		ug/m ³	15	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
74-83-9	Bromomethane	ND		ug/m ³	5.7	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-15-0	Carbon disulfide	ND		ug/m ³	4.6	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.3	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
108-90-7	Chlorobenzene	ND		ug/m ³	6.7	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-00-3	Chloroethane	ND		ug/m ³	3.9	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
67-66-3	Chloroform	69		ug/m ³	7.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
74-87-3	Chloromethane	ND	CAL-E	ug/m ³	3.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.5	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.7	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
110-82-7	Cyclohexane	ND		ug/m ³	5.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	12	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT



Sample Information

Client Sample ID: SV-5 20240611

York Sample ID: 24F0814-05

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 11:09 am

Date Received

06/12/2024

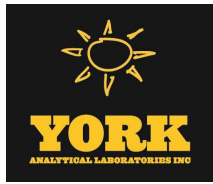
Volatile Organics, EPA TO15 Full List

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	ND		ug/m ³	7.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
141-78-6	* Ethyl acetate	ND		ug/m ³	11	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT
100-41-4	Ethyl Benzene	100		ug/m ³	6.4	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
67-63-0	Isopropanol	7.2		ug/m ³	7.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.3	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-09-2	Methylene chloride	ND		ug/m ³	10	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
91-20-3	* Naphthalene	ND	CAL-E	ug/m ³	15	14.66	EPA TO-15 Certifications: NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
142-82-5	n-Heptane	11		ug/m ³	6.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
110-54-3	n-Hexane	11		ug/m ³	5.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
95-47-6	o-Xylene	34		ug/m ³	6.4	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
179601-23-1	p- & m- Xylenes	100		ug/m ³	13	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
622-96-8	* p-Ethyltoluene	42		ug/m ³	7.2	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT
115-07-1	* Propylene	3.0		ug/m ³	2.5	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT
100-42-5	Styrene	ND		ug/m ³	6.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
127-18-4	Tetrachloroethylene	ND		ug/m ³	9.9	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.6	14.66	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 03:18	LT
108-88-3	Toluene	100		ug/m ³	5.5	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.8	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT



Sample Information

Client Sample ID: SV-5 20240611			York Sample ID: 24F0814-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0814	20240218	Soil Vapor	June 11, 2024 11:09 am	06/12/2024	

Volatile Organics, EPA TO15 Full ListLog-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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.7	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
79-01-6	Trichloroethylene	ND		ug/m³	2.0	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	8.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
108-05-4	Vinyl acetate	ND		ug/m³	5.2	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
593-60-2	Vinyl bromide	ND		ug/m³	6.4	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT
75-01-4	Vinyl Chloride	ND		ug/m³	1.9	14.66	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 03:18	LT

Sample Information

Client Sample ID: SSV-1 20240611			York Sample ID: 24F0814-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0814	20240218	Soil Vapor	June 11, 2024 9:51 am	06/12/2024	

VOA, TO15 Isooctane (2,2,4-TMP) Add OnLog-in Notes:Sample Notes: TO-VAC

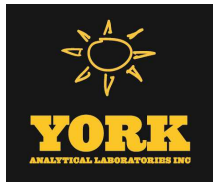
Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	3.41		ug/m³	3.41	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT

Volatile Organics, EPA TO15 Full ListLog-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	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	10	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT



Sample Information

Client Sample ID: SSV-1 20240611

York Sample ID: 24F0814-06

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 9:51 am

Date Received

06/12/2024

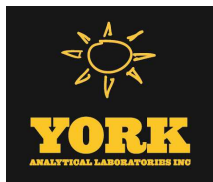
Volatile Organics, EPA TO15 Full List

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-34-3	1,1-Dichloroethane	ND		ug/m ³	5.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.4	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CC V	ug/m ³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
95-63-6	1,2,4-Trimethylbenzene	29		ug/m ³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
106-93-4	1,2-Dibromoethane	ND		ug/m ³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	8.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
107-06-2	1,2-Dichloroethane	ND		ug/m ³	5.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
78-87-5	1,2-Dichloropropane	ND		ug/m ³	6.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	10	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
108-67-8	1,3,5-Trimethylbenzene	8.6		ug/m ³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
106-99-0	1,3-Butadiene	ND		ug/m ³	9.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	8.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	6.7	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	8.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
123-91-1	1,4-Dioxane	ND		ug/m ³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
78-93-3	2-Butanone	6.0		ug/m ³	4.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
591-78-6	* 2-Hexanone	ND	CAL-E	ug/m ³	12	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
107-05-1	3-Chloropropene	ND		ug/m ³	23	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT



Sample Information

Client Sample ID: SSV-1 20240611

York Sample ID: 24F0814-06

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 9:51 am

Date Received

06/12/2024

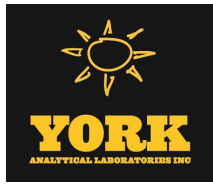
Volatile Organics, EPA TO15 Full List

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
67-64-1	Acetone	68		ug/m ³	6.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
107-13-1	Acrylonitrile	ND		ug/m ³	3.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
71-43-2	Benzene	19		ug/m ³	4.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
100-44-7	Benzyl chloride	ND	CAL-E	ug/m ³	7.6	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-27-4	Bromodichloromethane	ND		ug/m ³	9.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-25-2	Bromoform	ND		ug/m ³	15	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
74-83-9	Bromomethane	ND		ug/m ³	5.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-15-0	Carbon disulfide	9.1		ug/m ³	4.5	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
108-90-7	Chlorobenzene	ND		ug/m ³	6.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-00-3	Chloroethane	ND		ug/m ³	3.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
67-66-3	Chloroform	ND		ug/m ³	7.1	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
74-87-3	Chloromethane	ND	CAL-E	ug/m ³	3.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.4	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.6	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
110-82-7	Cyclohexane	12		ug/m ³	5.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
124-48-1	Dibromochloromethane	ND		ug/m ³	12	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-71-8	Dichlorodifluoromethane	3400		ug/m ³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT



Sample Information

Client Sample ID: SSV-1 20240611

York Sample ID: 24F0814-06

York Project (SDG) No.

24F0814

Client Project ID

20240218

Matrix

Soil Vapor

Collection Date/Time

June 11, 2024 9:51 am

Date Received

06/12/2024

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	ND		ug/m ³	11	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
100-41-4	Ethyl Benzene	60		ug/m ³	6.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
67-63-0	Isopropanol	ND		ug/m ³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-09-2	Methylene chloride	ND		ug/m ³	10	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
91-20-3	* Naphthalene	ND	CAL-E	ug/m ³	15	14.6	EPA TO-15 Certifications: NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
142-82-5	n-Heptane	14		ug/m ³	6.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
110-54-3	n-Hexane	29		ug/m ³	5.1	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
95-47-6	o-Xylene	35		ug/m ³	6.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
179601-23-1	p- & m- Xylenes	85		ug/m ³	13	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
622-96-8	* p-Ethyltoluene	34		ug/m ³	7.2	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
115-07-1	* Propylene	61		ug/m ³	2.5	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
100-42-5	Styrene	ND		ug/m ³	6.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
127-18-4	Tetrachloroethylene	ND		ug/m ³	9.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.6	14.6	EPA TO-15 Certifications:	06/20/2024 09:00	06/21/2024 02:38	LT
108-88-3	Toluene	100		ug/m ³	5.5	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	5.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	6.6	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT



Sample Information

Client Sample ID: SSV-1 20240611

York Sample ID: 24F0814-06

York Project (SDG) No.
24F0814

Client Project ID
20240218

Matrix
Soil Vapor

Collection Date/Time
June 11, 2024 9:51 am

Date Received
06/12/2024

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
79-01-6	Trichloroethylene	ND		ug/m ³	2.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-69-4	Trichlorofluoromethane (Freon 11)	12		ug/m ³	8.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
108-05-4	Vinyl acetate	ND		ug/m ³	5.1	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
593-60-2	Vinyl bromide	ND		ug/m ³	6.4	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT
75-01-4	Vinyl Chloride	ND		ug/m ³	1.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/20/2024 09:00	06/21/2024 02:38	LT





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-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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

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

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

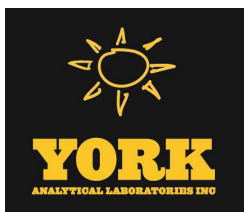


2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

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

Report Date: 06/21/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0919

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/21/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0919

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 June 13, 2024 and listed below. The project was identified as your project: **20240218**.

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>
24F0919-01	SB-4 2-6" 20240612	Soil	06/12/2024	06/13/2024
24F0919-02	SB-4 1-2 20240612	Soil	06/12/2024	06/13/2024
24F0919-03	SB-5 1-3 20240612	Soil	06/12/2024	06/13/2024
24F0919-04	SB-6 0.5-2 20240612	Soil	06/12/2024	06/13/2024
24F0919-05	SB-8 4-6 20240612	Soil	06/12/2024	06/13/2024
24F0919-06	SB-9 5-8 20240612	Soil	06/12/2024	06/13/2024
24F0919-07	SB-10 5-6 20240612	Soil	06/12/2024	06/13/2024
24F0919-08	SB-11 2-6" 20240612	Soil	06/12/2024	06/13/2024
24F0919-09	SB-11 10-12 20240612	Soil	06/12/2024	06/13/2024
24F0919-10	SB-7 12-16 20240612	Soil	06/12/2024	06/13/2024

General Notes for York Project (SDG) No.: 24F0919

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.

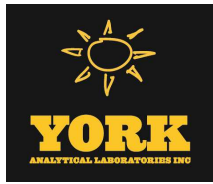
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/21/2024





Sample Information

Client Sample ID: SB-4 2-6" 20240612			York Sample ID: 24F0919-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0919	20240218	Soil	June 12, 2024 8:15 am	06/13/2024	

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
72-55-9	4,4'-DDE	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
50-29-3	4,4'-DDT	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
309-00-2	Aldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
319-84-6	alpha-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/14/2024 11:44	06/16/2024 15:41	NF
319-85-7	beta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
319-86-8	delta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
60-57-1	Dieldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
959-98-8	Endosulfan I	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
33213-65-9	Endosulfan II	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/14/2024 11:44	06/16/2024 15:41	NF
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
72-20-8	Endrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
76-44-8	Heptachlor	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/16/2024 15:41	NF
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	79.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	94.1 %	30-150							

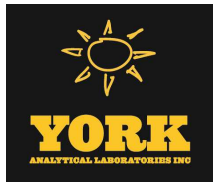
Total Solids

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	84.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLY



Sample Information

Client Sample ID: SB-4 1-2 20240612

York Sample ID: 24F0919-02

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 8:20 am

Date Received

06/13/2024

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	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 20:19	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2024 11:34	06/18/2024 20:19	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 20:19	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 20:19	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:19	AC



Sample Information

Client Sample ID: SB-4 1-2 20240612

York Sample ID: 24F0919-02

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 8:20 am

Date Received
06/13/2024

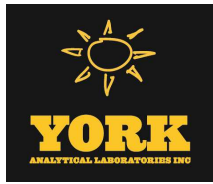
Volatile Organics, 8260 - Comprehensive

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	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:19	AC



Sample Information

Client Sample ID: SB-4 1-2 20240612

York Sample ID: 24F0919-02

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 8:20 am

Date Received

06/13/2024

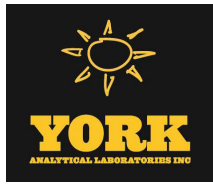
Volatile Organics, 8260 - Comprehensive

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	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:19	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:19	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 20:19	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NJDEP-CT005	06/18/2024 20:19	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 20:19	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								



Sample Information

Client Sample ID: SB-4 1-2 20240612

York Sample ID: 24F0919-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0919	20240218	Soil	June 12, 2024 8:20 am	06/13/2024

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	98.2 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.3 %			76-130						

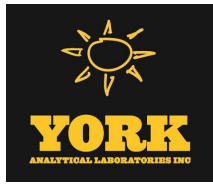
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
120-12-7	Anthracene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
218-01-9	Chrysene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
206-44-0	Fluoranthene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
86-73-7	Fluorene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 11:35	06/17/2024 15:55	LL
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
85-01-8	Phenanthrene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
129-00-0	Pyrene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 15:55	LL
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	20.9 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	18.3 %	S-08		21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	17.4 %	S-08		24-116						



Sample Information

Client Sample ID: SB-4 1-2 20240612			York Sample ID: 24F0919-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0919	20240218	Soil	June 12, 2024 8:20 am	06/13/2024	

Metals, RCRA

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
7440-38-2	Arsenic	11.8	M-CCV 1	mg/kg dry	1.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	AGNR
7440-39-3	Barium	86.4		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	AGNR
7440-43-9	Cadmium	0.610		mg/kg dry	0.267	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	AGNR
7440-47-3	Chromium	19.0		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	AGNR
7439-92-1	Lead	20.1		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	AGNR
7782-49-2	Selenium	3.09	M-CCV 1	mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:34	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	0.0560		mg/kg dry	0.0320	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/18/2024 14:51	06/19/2024 21:34	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	93.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLV

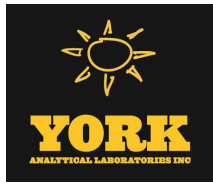
Sample Information

Client Sample ID: SB-5 1-3 20240612			York Sample ID: 24F0919-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0919	20240218	Soil	June 12, 2024 9:30 am	06/13/2024	

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-5 1-3 20240612

York Sample ID: 24F0919-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 9:30 am

06/13/2024

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	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 20:48	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2024 11:34	06/18/2024 20:48	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 20:48	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 20:48	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 20:48	AC



Sample Information

Client Sample ID: SB-5 1-3 20240612

York Sample ID: 24F0919-03

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 9:30 am

Date Received
06/13/2024

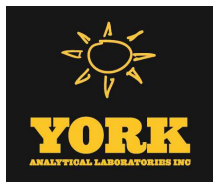
Volatile Organics, 8260 - Comprehensive

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	mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC



Sample Information

Client Sample ID: SB-5 1-3 20240612

York Sample ID: 24F0919-03

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 9:30 am

Date Received

06/13/2024

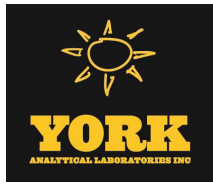
Volatile Organics, 8260 - Comprehensive

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	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 20:48	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.3 %	85-120								



Sample Information

Client Sample ID: SB-5 1-3 20240612

York Sample ID: 24F0919-03

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 9:30 am

Date Received

06/13/2024

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: SURRE: p-Bromofluorobenzene	95.3 %			76-130						

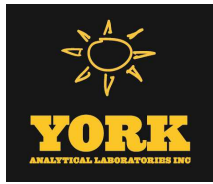
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
120-12-7	Anthracene	0.052	J	mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
56-55-3	Benzo(a)anthracene	0.19		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
50-32-8	Benzo(a)pyrene	0.18		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
205-99-2	Benzo(b)fluoranthene	0.23		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
191-24-2	Benzo(g,h,i)perylene	0.11		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
207-08-9	Benzo(k)fluoranthene	0.087	J	mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
218-01-9	Chrysene	0.16		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
206-44-0	Fluoranthene	0.35		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
86-73-7	Fluorene	ND		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 11:35	06/17/2024 16:26	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.13		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
85-01-8	Phenanthrene	0.22		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
129-00-0	Pyrene	0.27		mg/kg dry	0.051	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:26	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	64.3 %	22-108								
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	59.0 %	21-113								
1718-51-0	Surrogate: SURRE: Terphenyl-d14	62.5 %	24-116								



Sample Information

Client Sample ID: SB-5 1-3 20240612			York Sample ID: 24F0919-03		
York Project (SDG) No. 24F0919	Client Project ID 20240218	Matrix Soil	Collection Date/Time June 12, 2024 9:30 am	Date Received 06/13/2024	

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/14/2024 11:44	06/17/2024 00:48	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	06/14/2024 11:44	06/17/2024 00:48	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	93.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	69.5 %	30-140							

Metals, RCRA

Log-in Notes:

Sample Notes:

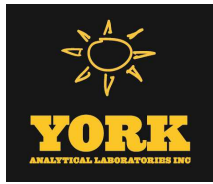
Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	14.4	M-CCV 1	mg/kg dry	1.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:36	AGNR
7440-39-3	Barium	144		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:36	AGNR
7440-43-9	Cadmium	0.421		mg/kg dry	0.309	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:36	AGNR
7440-47-3	Chromium	9.09		mg/kg dry	0.515	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:36	AGNR
7439-92-1	Lead	147		mg/kg dry	0.515	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:36	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 14:40	06/20/2024 16:36	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.518	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 14:40	06/20/2024 16:36	AGNR

Mercury by 7473

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB-5 1-3 20240612

York Sample ID: 24F0919-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 9:30 am

06/13/2024

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	0.459		mg/kg dry	0.0370	1	EPA 7473	06/18/2024 14:51	06/19/2024 21:34	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	81.0		%	0.100	1	SM 2540G	06/17/2024 12:30	06/17/2024 14:23	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-6 0.5-2 20240612

York Sample ID: 24F0919-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 10:10 am

06/13/2024

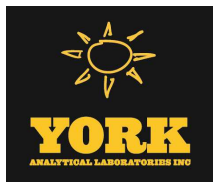
Volatile Organics, 8260 - Comprehensive

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	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2024 21:16	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC



Sample Information

Client Sample ID: SB-6 0.5-2 20240612

York Sample ID: 24F0919-04

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 10:10 am

Date Received
06/13/2024

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC



Sample Information

Client Sample ID: SB-6 0.5-2 20240612

York Sample ID: 24F0919-04

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 10:10 am

Date Received
06/13/2024

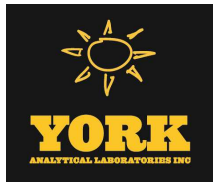
Volatile Organics, 8260 - Comprehensive

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
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:16	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:16	AC



Sample Information

Client Sample ID: SB-6 0.5-2 20240612

York Sample ID: 24F0919-04

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 10:10 am

Date Received

06/13/2024

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
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 21:16	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	06/18/2024 11:34	06/18/2024 21:16	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 21:16	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.6 %	76-130								

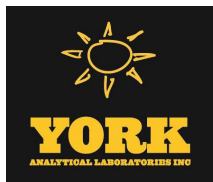
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:56	LL
208-96-8	Acenaphthylene	0.077	J	mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
120-12-7	Anthracene	0.071	J	mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
56-55-3	Benzo(a)anthracene	0.25		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
50-32-8	Benzo(a)pyrene	0.29		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
205-99-2	Benzo(b)fluoranthene	0.40		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL



Sample Information

Client Sample ID: SB-6 0.5-2 20240612

York Sample ID: 24F0919-04

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 10:10 am

Date Received
06/13/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
191-24-2	Benzo(g,h,i)perylene	0.19		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
207-08-9	Benzo(k)fluoranthene	0.14		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
218-01-9	Chrysene	0.27		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
53-70-3	Dibenzo(a,h)anthracene	0.048	J	mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
206-44-0	Fluoranthene	0.54		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
86-73-7	Fluorene	ND		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 11:35	06/17/2024 16:56	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.22		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 16:56	LL
85-01-8	Phenanthrene	0.32		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
129-00-0	Pyrene	0.44		mg/kg dry	0.047	0.094	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 16:56	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	71.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.6 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.3 %	24-116								

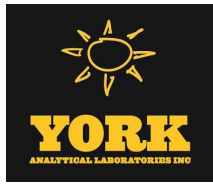
Metals, RCRA

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
7440-38-2	Arsenic	21.6	M-CCV 1	mg/kg dry	1.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:39	AGNR
7440-39-3	Barium	508		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:39	AGNR
7440-43-9	Cadmium	2.88		mg/kg dry	0.288	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:39	AGNR
7440-47-3	Chromium	23.3		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:39	AGNR
7439-92-1	Lead	1060		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:39	AGNR
7782-49-2	Selenium	2.76	M-CCV 1	mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:39	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.484	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 14:40	06/20/2024 16:39	AGNR



Sample Information

Client Sample ID: SB-6 0.5-2 20240612

York Sample ID: 24F0919-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 10:10 am

06/13/2024

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	1.01		mg/kg dry	0.0346	1	EPA 7473	06/18/2024 14:51	06/19/2024 21:34	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	86.8		%	0.100	1	SM 2540G	06/17/2024 12:30	06/17/2024 14:23	HLV
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-8 4-6 20240612

York Sample ID: 24F0919-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 12:30 pm

06/13/2024

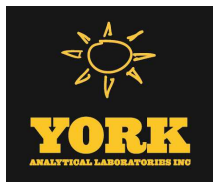
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	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	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/18/2024 11:34	06/18/2024 21:44	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-8 4-6 20240612

York Sample ID: 24F0919-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 12:30 pm

06/13/2024

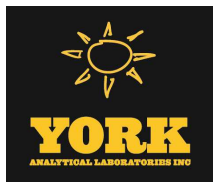
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
67-64-1	Acetone	0.0073	J, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC



Sample Information

Client Sample ID: SB-8 4-6 20240612

York Sample ID: 24F0919-05

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 12:30 pm

Date Received
06/13/2024

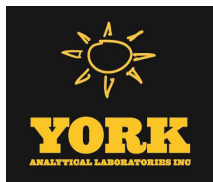
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC



Sample Information

Client Sample ID: SB-8 4-6 20240612

York Sample ID: 24F0919-05

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 12:30 pm

Date Received
06/13/2024

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	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 21:44	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NJDEP-CT005	06/18/2024 21:44	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 21:44	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.2 %	76-130								

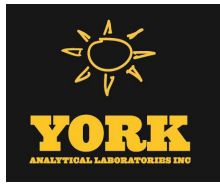
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/14/2024 11:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/17/2024 17:26	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/14/2024 11:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/17/2024 17:26	LL
120-12-7	Anthracene	0.048	J	mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/14/2024 11:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/17/2024 17:26	LL
56-55-3	Benzo(a)anthracene	0.17		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/14/2024 11:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/17/2024 17:26	LL
50-32-8	Benzo(a)pyrene	0.19		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/14/2024 11:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/17/2024 17:26	LL



Sample Information

Client Sample ID: SB-8 4-6 20240612			York Sample ID: 24F0919-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0919	20240218	Soil	June 12, 2024 12:30 pm	06/13/2024	

Semi-Volatiles, CP-51 (formerly STARS) 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
205-99-2	Benzo(b)fluoranthene	0.24		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.13		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.086	J	mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	0.17		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	0.33		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
193-39-5	Indeno(1,2,3-cd)pyrene	0.14		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
85-01-8	Phenanthrene	0.21		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	Pyrene	0.28		mg/kg dry	0.047	0.093	2	EPA 8270E	06/14/2024 11:35	06/17/2024 17:26	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.4 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	52.4 %	24-116								

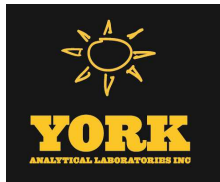
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	06/19/2024 08:52	06/20/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	06/19/2024 08:52	06/20/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	06/19/2024 08:52	06/20/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	06/19/2024 08:52	06/20/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	06/19/2024 08:52	06/20/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	06/19/2024 08:52	06/20/2024 03:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-8 4-6 20240612			York Sample ID: 24F0919-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0919	20240218	Soil	June 12, 2024 12:30 pm	06/13/2024	

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/19/2024 08:52	06/20/2024 03:52	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	06/19/2024 08:52	06/20/2024 03:52	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	68.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %	30-140							

Metals, RCRA

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
7440-38-2	Arsenic	14.1	M-CCV 1	mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:42	AGNR
7440-39-3	Barium	250		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:42	AGNR
7440-43-9	Cadmium	0.885		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:42	AGNR
7440-47-3	Chromium	21.1		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:42	AGNR
7439-92-1	Lead	329		mg/kg dry	0.476	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:42	AGNR
7782-49-2	Selenium	4.26	M-CCV 1	mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:42	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/19/2024 14:40	06/20/2024 16:42	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	0.620		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/18/2024 14:51	06/19/2024 21:34	DRS

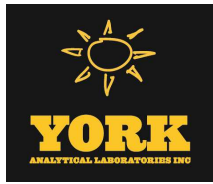
Total Solids

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	87.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLY



Sample Information

Client Sample ID: SB-9 5-8 20240612

York Sample ID: 24F0919-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 1:25 pm

06/13/2024

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	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC



Sample Information

Client Sample ID: SB-9 5-8 20240612

York Sample ID: 24F0919-06

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 1:25 pm

Date Received
06/13/2024

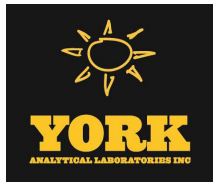
Volatile Organics, 8260 - Comprehensive

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	0.0062	0.012	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications:	06/18/2024 11:34	06/18/2024 22:12	AC



Sample Information

Client Sample ID: SB-9 5-8 20240612

York Sample ID: 24F0919-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0919	20240218	Soil	June 12, 2024 1:25 pm	06/13/2024

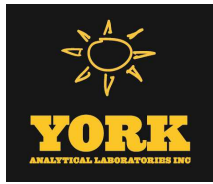
Volatile Organics, 8260 - Comprehensive

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	0.0031	0.0062	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:12	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:12	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:12	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	06/18/2024 11:34	06/18/2024 22:12	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:12	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								



Sample Information

Client Sample ID: SB-9 5-8 20240612

York Sample ID: 24F0919-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0919	20240218	Soil	June 12, 2024 1:25 pm	06/13/2024

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	98.2 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.1 %			76-130						

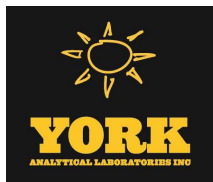
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 17:56	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 17:56	LL
120-12-7	Anthracene	0.056	J	mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
56-55-3	Benzo(a)anthracene	0.25		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
50-32-8	Benzo(a)pyrene	0.29		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
205-99-2	Benzo(b)fluoranthene	0.36		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
191-24-2	Benzo(g,h,i)perylene	0.18		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
207-08-9	Benzo(k)fluoranthene	0.13		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
218-01-9	Chrysene	0.26		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 17:56	LL
206-44-0	Fluoranthene	0.50		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
86-73-7	Fluorene	ND		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 11:35	06/17/2024 17:56	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.20		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 17:56	LL
85-01-8	Phenanthrene	0.26		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
129-00-0	Pyrene	0.43		mg/kg dry	0.049	0.097	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 17:56	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.5 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.8 %	21-113								



Sample Information

Client Sample ID: SB-9 5-8 20240612

York Sample ID: 24F0919-06

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 1:25 pm

Date Received

06/13/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
1718-51-0	Surrogate: SURR: Terphenyl-d14	52.3 %			24-116						

Metals, RCRA

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
7440-38-2	Arsenic	14.5	M-CCV 1	mg/kg dry	1.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	AGNR
7440-39-3	Barium	197		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	AGNR
7440-43-9	Cadmium	1.08		mg/kg dry	0.295	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	AGNR
7440-47-3	Chromium	22.2		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	AGNR
7439-92-1	Lead	257		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	AGNR
7782-49-2	Selenium	2.85	M-CCV 1	mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:44	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	0.790		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/18/2024 14:51	06/19/2024 21:34	DRS

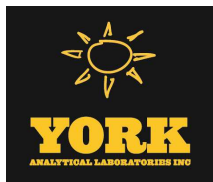
Total Solids

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	84.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLV



Sample Information

Client Sample ID: SB-10 5-6 20240612

York Sample ID: 24F0919-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 2:40 pm

06/13/2024

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	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/18/2024 11:34	06/18/2024 22:40	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC



Sample Information

Client Sample ID: SB-10 5-6 20240612

York Sample ID: 24F0919-07

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 2:40 pm

Date Received
06/13/2024

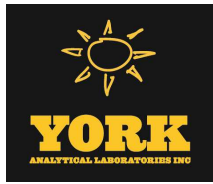
Volatile Organics, 8260 - Comprehensive

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	0.018	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 11:34	06/18/2024 22:40	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 11:34	06/18/2024 22:40	AC



Sample Information

Client Sample ID: SB-10 5-6 20240612

York Sample ID: 24F0919-07

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 2:40 pm

Date Received

06/13/2024

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	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 22:40	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 22:40	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 22:40	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NJDEP-CT005	06/18/2024 22:40	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D Certifications:	06/18/2024 11:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 22:40	AC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	77-125								



Sample Information

Client Sample ID: SB-10 5-6 20240612

York Sample ID: 24F0919-07

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 2:40 pm

Date Received
06/13/2024

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	99.0 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.1 %			76-130						

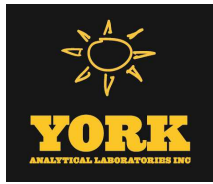
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	0.14		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	Anthracene	0.19		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	Benzo(a)anthracene	0.82		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	0.94		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	1.2		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.58		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.39		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	0.82		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	0.12		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	1.6		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	0.66		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	0.80		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	Pyrene	1.5		mg/kg dry	0.050	0.099	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.1 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.3 %		21-113							



Sample Information

Client Sample ID: SB-10 5-6 20240612

York Sample ID: 24F0919-07

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 2:40 pm

Date Received

06/13/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
1718-51-0	Surrogate: SURR: Terphenyl-d14	56.3 %			24-116						

Metals, RCRA

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
7440-38-2	Arsenic	17.9	M-CCV 1	mg/kg dry	1.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	AGNR
7440-39-3	Barium	220		mg/kg dry	2.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	AGNR
7440-43-9	Cadmium	1.53		mg/kg dry	0.307	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	AGNR
7440-47-3	Chromium	14.7		mg/kg dry	0.512	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	AGNR
7439-92-1	Lead	273		mg/kg dry	0.512	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	AGNR
7782-49-2	Selenium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:47	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	0.944		mg/kg dry	0.0368	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/18/2024 14:51	06/19/2024 21:34	DRS

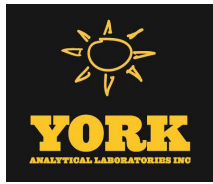
Total Solids

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	81.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLV



Sample Information

Client Sample ID: SB-11 2-6" 20240612

York Sample ID: 24F0919-08

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 3:25 pm

Date Received

06/13/2024

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
72-55-9	4,4'-DDE	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
50-29-3	4,4'-DDT	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
309-00-2	Aldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
319-84-6	alpha-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/14/2024 11:38	06/14/2024 23:19	TAH
319-85-7	beta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:20	TAH
319-86-8	delta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:20	TAH
60-57-1	Dieldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
959-98-8	Endosulfan I	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
33213-65-9	Endosulfan II	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/14/2024 11:38	06/14/2024 23:19	TAH
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
72-20-8	Endrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
76-44-8	Heptachlor	ND		ug/kg dry	1.64	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:38	06/14/2024 23:19	TAH
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	19.2 %	S-08, S-GC	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	40.5 %		30-150						

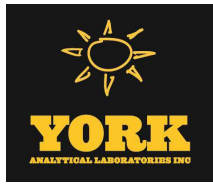
Total Solids

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	84.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLY



Sample Information

Client Sample ID: SB-11 10-12 20240612

York Sample ID: 24F0919-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 3:45 pm

06/13/2024

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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC



Sample Information

Client Sample ID: SB-11 10-12 20240612

York Sample ID: 24F0919-09

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 3:45 pm

Date Received
06/13/2024

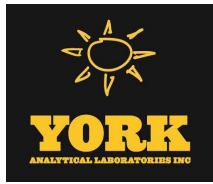
Volatile Organics, 8260 - Comprehensive

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	0.0075	0.015	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 08:44	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 08:44	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 08:44	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 08:44	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 08:44	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 08:44	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 08:44	BMC



Sample Information

Client Sample ID: SB-11 10-12 20240612

York Sample ID: 24F0919-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0919	20240218	Soil	June 12, 2024 3:45 pm	06/13/2024

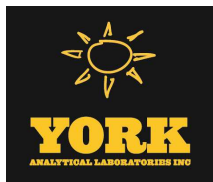
Volatile Organics, 8260 - Comprehensive

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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	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	06/19/2024 06:46	06/19/2024 08:44	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.023	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 08:44	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	77-125								



Sample Information

Client Sample ID: SB-11 10-12 20240612

York Sample ID: 24F0919-09

York Project (SDG) No.
24F0919

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 12, 2024 3:45 pm

Date Received
06/13/2024

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	100 %			76-130						

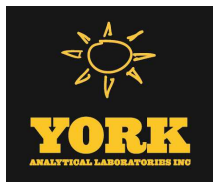
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	0.22		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	Acenaphthylene	0.14		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	Anthracene	0.42		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	Benzo(a)anthracene	1.0		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	1.1		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	1.4		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.89		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.46		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	1.0		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	0.15		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	2.4		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	0.19		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	0.83		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	0.18		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
85-01-8	Phenanthrene	2.1		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	Pyrene	1.9		mg/kg dry	0.051	0.10	2	EPA 8270E	06/14/2024 11:35	06/17/2024 18:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.9 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.6 %		21-113							



Sample Information

Client Sample ID: SB-11 10-12 20240612

York Sample ID: 24F0919-09

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 3:45 pm

Date Received

06/13/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
1718-51-0	Surrogate: SURR: Terphenyl-d14	37.1 %			24-116						

Metals, RCRA

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
7440-38-2	Arsenic	40.1	M-CCV 1	mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	AGNR
7440-39-3	Barium	535		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	AGNR
7440-43-9	Cadmium	1.13		mg/kg dry	0.315	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	AGNR
7440-47-3	Chromium	34.9		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	AGNR
7439-92-1	Lead	735		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	AGNR
7782-49-2	Selenium	6.56	M-CCV 1	mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:49	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	1.35		mg/kg dry	0.0378	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/18/2024 14:51	06/19/2024 21:34	DRS

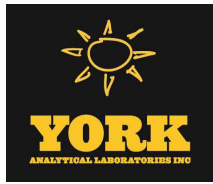
Total Solids

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	79.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLY



Sample Information

Client Sample ID: SB-7 12-16 20240612

York Sample ID: 24F0919-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0919

20240218

Soil

June 12, 2024 11:20 am

06/13/2024

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	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:11	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/19/2024 09:11	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:11	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260D Certifications:	06/19/2024 06:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 09:11	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	06/19/2024 06:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 09:11	BMC



Sample Information

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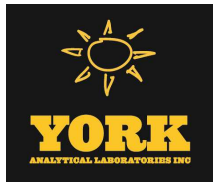
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0072	J, ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC



Sample Information

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June 12, 2024 11:20 am

06/13/2024

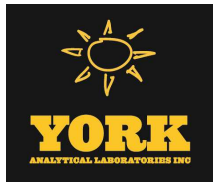
Volatile Organics, 8260 - Comprehensive

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	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/19/2024 06:46	06/19/2024 09:11	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	06/19/2024 06:46	06/19/2024 09:11	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/19/2024 06:46	06/19/2024 09:11	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								



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06/13/2024

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	97.3 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.9 %			76-130						

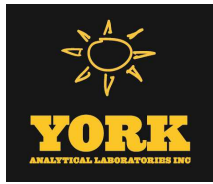
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 19:29	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 19:29	LL
120-12-7	Anthracene	0.076	J	mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
56-55-3	Benzo(a)anthracene	0.21		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
50-32-8	Benzo(a)pyrene	0.24		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
205-99-2	Benzo(b)fluoranthene	0.12		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
191-24-2	Benzo(g,h,i)perylene	0.15		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
207-08-9	Benzo(k)fluoranthene	0.31		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
218-01-9	Chrysene	0.23		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 19:29	LL
206-44-0	Fluoranthene	0.49		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
86-73-7	Fluorene	ND		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/14/2024 11:35	06/17/2024 19:29	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.17		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/14/2024 11:35	06/17/2024 19:29	LL
85-01-8	Phenanthrene	0.37		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
129-00-0	Pyrene	0.39		mg/kg dry	0.049	0.098	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/14/2024 11:35	06/17/2024 19:29	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.7 %	21-113								



Sample Information

Client Sample ID: SB-7 12-16 20240612

York Sample ID: 24F0919-10

York Project (SDG) No.

24F0919

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 12, 2024 11:20 am

Date Received

06/13/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
1718-51-0	Surrogate: SURR: Terphenyl-d14	61.7 %			24-116						

Metals, RCRA

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
7440-38-2	Arsenic	12.7	M-CCV 1	mg/kg dry	1.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	AGNR
7440-39-3	Barium	159		mg/kg dry	2.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	AGNR
7440-43-9	Cadmium	0.578		mg/kg dry	0.300	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	AGNR
7440-47-3	Chromium	21.3		mg/kg dry	0.501	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	AGNR
7439-92-1	Lead	173		mg/kg dry	0.501	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	AGNR
7782-49-2	Selenium	4.07	M-CCV 1	mg/kg dry	2.50	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.504	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/19/2024 14:40	06/20/2024 16:52	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	0.880		mg/kg dry	0.0360	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/18/2024 14:51	06/19/2024 21:34	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	83.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/17/2024 12:30	06/17/2024 14:23	HLY



Analytical Batch Summary

Batch ID: BF40959 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-02	SB-4 1-2 20240612	06/14/24
24F0919-03	SB-5 1-3 20240612	06/14/24
24F0919-04	SB-6 0.5-2 20240612	06/14/24
24F0919-05	SB-8 4-6 20240612	06/14/24
24F0919-06	SB-9 5-8 20240612	06/14/24
24F0919-07	SB-10 5-6 20240612	06/14/24
24F0919-09	SB-11 10-12 20240612	06/14/24
24F0919-10	SB-7 12-16 20240612	06/14/24
BF40959-BLK1	Blank	06/14/24
BF40959-BS1	LCS	06/14/24
BF40959-MS1	Matrix Spike	06/14/24
BF40959-MSD1	Matrix Spike Dup	06/14/24

Batch ID: BF40962 **Preparation Method:** EPA 3550C **Prepared By:** kaz

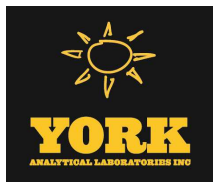
YORK Sample ID	Client Sample ID	Preparation Date
24F0919-08	SB-11 2-6" 20240612	06/14/24
BF40962-BLK1	Blank	06/14/24
BF40962-BS1	LCS	06/14/24
BF40962-MS1	Matrix Spike	06/14/24
BF40962-MSD1	Matrix Spike Dup	06/14/24

Batch ID: BF40967 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-01	SB-4 2-6" 20240612	06/14/24
24F0919-03	SB-5 1-3 20240612	06/14/24
BF40967-BLK1	Blank	06/14/24
BF40967-BLK2	Blank	06/14/24
BF40967-BS1	LCS	06/14/24
BF40967-BS2	LCS	06/14/24
BF40967-MS1	Matrix Spike	06/14/24
BF40967-MS2	Matrix Spike	06/14/24
BF40967-MSD1	Matrix Spike Dup	06/14/24
BF40967-MSD2	Matrix Spike Dup	06/14/24

Batch ID: BF41048 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-01	SB-4 2-6" 20240612	06/17/24
24F0919-02	SB-4 1-2 20240612	06/17/24
24F0919-03	SB-5 1-3 20240612	06/17/24
24F0919-04	SB-6 0.5-2 20240612	06/17/24
24F0919-05	SB-8 4-6 20240612	06/17/24



24F0919-06	SB-9 5-8 20240612	06/17/24
24F0919-07	SB-10 5-6 20240612	06/17/24
24F0919-08	SB-11 2-6" 20240612	06/17/24
24F0919-09	SB-11 10-12 20240612	06/17/24
24F0919-10	SB-7 12-16 20240612	06/17/24
BF41048-DUP1	Duplicate	06/17/24

Batch ID: BF41160 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-02	SB-4 1-2 20240612	06/18/24
24F0919-03	SB-5 1-3 20240612	06/18/24
24F0919-04	SB-6 0.5-2 20240612	06/18/24
24F0919-05	SB-8 4-6 20240612	06/18/24
24F0919-06	SB-9 5-8 20240612	06/18/24
24F0919-07	SB-10 5-6 20240612	06/18/24
BF41160-BLK1	Blank	06/18/24
BF41160-BS1	LCS	06/18/24
BF41160-BSD1	LCS Dup	06/18/24

Batch ID: BF41190 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-02	SB-4 1-2 20240612	06/18/24
24F0919-03	SB-5 1-3 20240612	06/18/24
24F0919-04	SB-6 0.5-2 20240612	06/18/24
24F0919-05	SB-8 4-6 20240612	06/18/24
24F0919-06	SB-9 5-8 20240612	06/18/24
24F0919-07	SB-10 5-6 20240612	06/18/24
24F0919-09	SB-11 10-12 20240612	06/18/24
24F0919-10	SB-7 12-16 20240612	06/18/24
BF41190-BLK1	Blank	06/18/24
BF41190-DUP1	Duplicate	06/18/24
BF41190-MS1	Matrix Spike	06/18/24
BF41190-SRM1	Reference	06/18/24

Batch ID: BF41243 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-05	SB-8 4-6 20240612	06/19/24
BF41243-BLK1	Blank	06/19/24
BF41243-BS1	LCS	06/19/24

Batch ID: BF41278 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-02	SB-4 1-2 20240612	06/19/24
24F0919-03	SB-5 1-3 20240612	06/19/24
24F0919-04	SB-6 0.5-2 20240612	06/19/24



24F0919-05	SB-8 4-6 20240612	06/19/24
24F0919-06	SB-9 5-8 20240612	06/19/24
24F0919-07	SB-10 5-6 20240612	06/19/24
24F0919-09	SB-11 10-12 20240612	06/19/24
24F0919-10	SB-7 12-16 20240612	06/19/24
BF41278-BLK1	Blank	06/19/24
BF41278-DUP1	Duplicate	06/19/24
BF41278-MS1	Matrix Spike	06/19/24
BF41278-PS1	Post Spike	06/19/24
BF41278-SRM1	Reference	06/19/24

Batch ID: BF41349 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F0919-09	SB-11 10-12 20240612	06/19/24
24F0919-10	SB-7 12-16 20240612	06/19/24
BF41349-BLK1	Blank	06/19/24
BF41349-BS1	LCS	06/19/24
BF41349-BSD1	LCS Dup	06/19/24



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 BF41160 - EPA 5035A

Blank (BF41160-BLK1)

Prepared & Analyzed: 06/18/2024

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 BF41160 - EPA 5035A

Blank (BF41160-BLK1)

Prepared & Analyzed: 06/18/2024

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	49.4	ug/L	50.0	98.7	77-125
Surrogate: SURR: Toluene-d8	49.2	"	50.0	98.3	85-120
Surrogate: SURR: p-Bromofluorobenzene	48.9	"	50.0	97.8	76-130

LCS (BF41160-BS1)

Prepared & Analyzed: 06/18/2024

1,1,1,2-Tetrachloroethane	45	ug/L	50.0	90.0	75-129
1,1,1-Trichloroethane	49	"	50.0	98.8	71-137
1,1,2,2-Tetrachloroethane	47	"	50.0	94.2	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49	"	50.0	98.7	58-146
1,1,2-Trichloroethane	46	"	50.0	91.0	83-123
1,1-Dichloroethane	47	"	50.0	94.1	75-130
1,1-Dichloroethylene	54	"	50.0	108	64-137
1,2,3-Trichlorobenzene	44	"	50.0	88.5	81-140
1,2,3-Trichloropropane	46	"	50.0	93.0	81-126
1,2,4-Trichlorobenzene	45	"	50.0	89.3	80-141
1,2,4-Trimethylbenzene	43	"	50.0	86.4	84-125
1,2-Dibromo-3-chloropropane	50	"	50.0	99.0	74-142
1,2-Dibromoethane	47	"	50.0	94.3	86-123
1,2-Dichlorobenzene	44	"	50.0	87.1	85-122
1,2-Dichloroethane	48	"	50.0	96.9	71-133
1,2-Dichloropropane	45	"	50.0	91.0	81-122
1,3,5-Trimethylbenzene	45	"	50.0	90.1	82-126
1,3-Dichlorobenzene	43	"	50.0	85.9	84-124
1,4-Dichlorobenzene	42	"	50.0	84.9	84-124
1,4-Dioxane	890	"	1050	85.2	10-228
2-Butanone	46	"	50.0	91.8	58-147
2-Hexanone	47	"	50.0	94.6	70-139
4-Methyl-2-pentanone	49	"	50.0	97.4	72-132
Acetone	36	"	50.0	71.6	36-155
Acrolein	32	"	50.0	64.8	10-238
Acrylonitrile	52	"	50.0	105	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 BF41160 - EPA 5035A

LCS (BF41160-BS1)

Prepared & Analyzed: 06/18/2024

Benzene	49		ug/L	50.0		98.0	77-127				
Bromochloromethane	48		"	50.0		96.6	74-129				
Bromodichloromethane	46		"	50.0		91.6	81-124				
Bromoform	45		"	50.0		90.1	80-136				
Bromomethane	47		"	50.0		94.8	32-177				
Carbon disulfide	56		"	50.0		113	10-136				
Carbon tetrachloride	49		"	50.0		99.0	66-143				
Chlorobenzene	45		"	50.0		89.3	86-120				
Chloroethane	51		"	50.0		102	51-142				
Chloroform	47		"	50.0		94.9	76-131				
Chloromethane	45		"	50.0		89.5	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		97.2	74-132				
cis-1,3-Dichloropropylene	48		"	50.0		95.5	81-129				
Cyclohexane	46		"	50.0		91.5	70-130				
Dibromochloromethane	49		"	50.0		99.0	10-200				
Dibromomethane	46		"	50.0		91.3	83-124				
Dichlorodifluoromethane	45		"	50.0		91.0	28-158				
Ethyl Benzene	46		"	50.0		91.6	84-125				
Hexachlorobutadiene	44		"	50.0		87.7	83-133				
Isopropylbenzene	44		"	50.0		87.6	81-127				
Methyl acetate	43		"	50.0		87.0	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		99.0	74-131				
Methylcyclohexane	44		"	50.0		87.9	70-130				
Methylene chloride	48		"	50.0		95.7	57-141				
n-Butylbenzene	44		"	50.0		87.2	80-130				
n-Propylbenzene	43		"	50.0		85.3	74-136				
o-Xylene	45		"	50.0		90.7	83-123				
p- & m- Xylenes	90		"	100		89.7	82-128				
p-Isopropyltoluene	44		"	50.0		88.2	85-125				
sec-Butylbenzene	43		"	50.0		85.8	83-125				
Styrene	45		"	50.0		89.2	86-126				
tert-Butyl alcohol (TBA)	330		"	250		133	70-130	High Bias			
tert-Butylbenzene	42		"	50.0		84.9	80-127				
Tetrachloroethylene	39		"	50.0		77.3	80-129	Low Bias			
Toluene	46		"	50.0		91.1	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		99.1	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		96.8	78-132				
trans-1,4-dichloro-2-butene	48		"	50.0		95.2	75-135				
Trichloroethylene	45		"	50.0		90.8	84-123				
Trichlorofluoromethane	50		"	50.0		100	62-140				
Vinyl Chloride	48		"	50.0		96.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	51.4		"	50.0		103	77-125				
Surrogate: SURR: Toluene-d8	48.2		"	50.0		96.5	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.8		"	50.0		99.5	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 BF41160 - EPA 5035A											
LCS Dup (BF41160-BSD1)						Prepared & Analyzed: 06/18/2024					
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.8	75-129		8.37	30	
1,1,1-Trichloroethane	53		"	50.0		105	71-137		6.22	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.7	79-129		5.71	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		101	58-146		2.76	30	
1,1,2-Trichloroethane	49		"	50.0		97.5	83-123		6.87	30	
1,1-Dichloroethane	51		"	50.0		102	75-130		7.92	30	
1,1-Dichloroethylene	54		"	50.0		109	64-137		0.571	30	
1,2,3-Trichlorobenzene	47		"	50.0		94.9	81-140		6.98	30	
1,2,3-Trichloropropane	49		"	50.0		98.9	81-126		6.13	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.9	80-141		8.23	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.8	84-125		8.21	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142		5.02	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		7.90	30	
1,2-Dichlorobenzene	47		"	50.0		93.5	85-122		7.11	30	
1,2-Dichloroethane	51		"	50.0		103	71-133		6.06	30	
1,2-Dichloropropane	49		"	50.0		98.0	81-122		7.39	30	
1,3,5-Trimethylbenzene	48		"	50.0		96.7	82-126		7.09	30	
1,3-Dichlorobenzene	46		"	50.0		92.9	84-124		7.85	30	
1,4-Dichlorobenzene	46		"	50.0		91.9	84-124		7.92	30	
1,4-Dioxane	940		"	1050		89.4	10-228		4.77	30	
2-Butanone	52		"	50.0		103	58-147		11.7	30	
2-Hexanone	49		"	50.0		99.0	70-139		4.55	30	
4-Methyl-2-pentanone	52		"	50.0		105	72-132		7.40	30	
Acetone	37		"	50.0		74.4	36-155		3.75	30	
Acrolein	35		"	50.0		69.1	10-238		6.36	30	
Acrylonitrile	54		"	50.0		108	66-141		2.69	30	
Benzene	52		"	50.0		104	77-127		6.21	30	
Bromochloromethane	52		"	50.0		104	74-129		7.45	30	
Bromodichloromethane	50		"	50.0		99.8	81-124		8.52	30	
Bromoform	49		"	50.0		97.4	80-136		7.79	30	
Bromomethane	49		"	50.0		98.1	32-177		3.40	30	
Carbon disulfide	59		"	50.0		117	10-136		3.85	30	
Carbon tetrachloride	53		"	50.0		105	66-143		6.15	30	
Chlorobenzene	48		"	50.0		96.7	86-120		7.98	30	
Chloroethane	53		"	50.0		105	51-142		3.38	30	
Chloroform	51		"	50.0		101	76-131		6.34	30	
Chloromethane	45		"	50.0		90.1	49-132		0.690	30	
cis-1,2-Dichloroethylene	52		"	50.0		103	74-132		5.91	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129		6.93	30	
Cyclohexane	49		"	50.0		97.6	70-130		6.41	30	
Dibromochloromethane	53		"	50.0		106	10-200		6.85	30	
Dibromomethane	49		"	50.0		97.3	83-124		6.32	30	
Dichlorodifluoromethane	46		"	50.0		91.2	28-158		0.198	30	
Ethyl Benzene	50		"	50.0		99.3	84-125		8.02	30	
Hexachlorobutadiene	47		"	50.0		93.2	83-133		6.17	30	
Isopropylbenzene	47		"	50.0		93.5	81-127		6.58	30	
Methyl acetate	47		"	50.0		94.6	41-143		8.39	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131		7.32	30	
Methylcyclohexane	47		"	50.0		93.3	70-130		5.98	30	
Methylene chloride	51		"	50.0		102	57-141		6.22	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 BF41160 - EPA 5035A

LCS Dup (BF41160-BSD1)

Prepared & Analyzed: 06/18/2024

n-Butylbenzene	47		ug/L	50.0		93.8	80-130		7.29	30	
n-Propylbenzene	46		"	50.0		91.4	74-136		6.88	30	
o-Xylene	49		"	50.0		98.2	83-123		7.92	30	
p- & m- Xylenes	97		"	100		97.1	82-128		7.96	30	
p-Isopropyltoluene	47		"	50.0		94.5	85-125		6.92	30	
sec-Butylbenzene	46		"	50.0		91.4	83-125		6.32	30	
Styrene	49		"	50.0		97.7	86-126		9.03	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		13.9	30	
tert-Butylbenzene	45		"	50.0		91.0	80-127		6.94	30	
Tetrachloroethylene	41		"	50.0		82.9	80-129		7.07	30	
Toluene	49		"	50.0		97.9	85-121		7.21	30	
trans-1,2-Dichloroethylene	52		"	50.0		103	72-132		4.07	30	
trans-1,3-Dichloropropylene	53		"	50.0		105	78-132		8.37	30	
trans-1,4-dichloro-2-butene	51		"	50.0		101	75-135		5.91	30	
Trichloroethylene	49		"	50.0		97.3	84-123		6.93	30	
Trichlorofluoromethane	51		"	50.0		102	62-140		2.17	30	
Vinyl Chloride	49		"	50.0		98.8	52-130		2.65	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	51.4		"	50.0		103	77-125				
Surrogate: SURR: Toluene-d8	49.2		"	50.0		98.4	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.4		"	50.0		98.9	76-130				

Batch BF41349 - EPA 5035A

Blank (BF41349-BLK1)

Prepared & Analyzed: 06/19/2024

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 BF41349 - EPA 5035A

Blank (BF41349-BLK1)

Prepared & Analyzed: 06/19/2024

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	50.8		ug/L	50.0		102	77-125				
Surrogate: SURR: Toluene-d8	48.7		"	50.0		97.4	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.9		"	50.0		97.7	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 BF41349 - EPA 5035A											
LCS (BF41349-BS1)						Prepared & Analyzed: 06/19/2024					
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.5	75-129				
1,1,1-Trichloroethane	50		"	50.0		99.4	71-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		95.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		109	58-146				
1,1,2-Trichloroethane	46		"	50.0		92.2	83-123				
1,1-Dichloroethane	48		"	50.0		95.5	75-130				
1,1-Dichloroethylene	58		"	50.0		115	64-137				
1,2,3-Trichlorobenzene	45		"	50.0		89.3	81-140				
1,2,3-Trichloropropane	47		"	50.0		94.5	81-126				
1,2,4-Trichlorobenzene	46		"	50.0		91.8	80-141				
1,2,4-Trimethylbenzene	44		"	50.0		88.6	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		99.2	74-142				
1,2-Dibromoethane	48		"	50.0		95.8	86-123				
1,2-Dichlorobenzene	45		"	50.0		90.3	85-122				
1,2-Dichloroethane	50		"	50.0		99.9	71-133				
1,2-Dichloropropane	47		"	50.0		93.1	81-122				
1,3,5-Trimethylbenzene	46		"	50.0		92.2	82-126				
1,3-Dichlorobenzene	44		"	50.0		88.8	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.1	84-124				
1,4-Dioxane	870		"	1050		82.7	10-228				
2-Butanone	47		"	50.0		93.5	58-147				
2-Hexanone	48		"	50.0		96.7	70-139				
4-Methyl-2-pentanone	50		"	50.0		99.4	72-132				
Acetone	38		"	50.0		75.8	36-155				
Acrolein	35		"	50.0		70.4	10-238				
Acrylonitrile	53		"	50.0		107	66-141				
Benzene	50		"	50.0		99.8	77-127				
Bromochloromethane	51		"	50.0		102	74-129				
Bromodichloromethane	47		"	50.0		93.5	81-124				
Bromoform	43		"	50.0		86.3	80-136				
Bromomethane	50		"	50.0		99.3	32-177				
Carbon disulfide	54		"	50.0		109	10-136				
Carbon tetrachloride	50		"	50.0		100	66-143				
Chlorobenzene	45		"	50.0		90.8	86-120				
Chloroethane	57		"	50.0		114	51-142				
Chloroform	49		"	50.0		97.3	76-131				
Chloromethane	43		"	50.0		86.4	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		99.0	74-132				
cis-1,3-Dichloropropylene	48		"	50.0		96.4	81-129				
Cyclohexane	47		"	50.0		93.3	70-130				
Dibromochloromethane	49		"	50.0		98.4	10-200				
Dibromomethane	47		"	50.0		93.3	83-124				
Dichlorodifluoromethane	41		"	50.0		82.5	28-158				
Ethyl Benzene	47		"	50.0		93.3	84-125				
Hexachlorobutadiene	43		"	50.0		86.8	83-133				
Isopropylbenzene	44		"	50.0		88.3	81-127				
Methyl acetate	47		"	50.0		94.3	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.1	74-131				
Methylcyclohexane	44		"	50.0		87.4	70-130				
Methylene chloride	50		"	50.0		99.4	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 BF41349 - EPA 5035A

LCS (BF41349-BS1)

Prepared & Analyzed: 06/19/2024

n-Butylbenzene	45		ug/L	50.0		90.1	80-130				
n-Propylbenzene	43		"	50.0		87.0	74-136				
o-Xylene	46		"	50.0		92.5	83-123				
p- & m- Xylenes	91		"	100		91.5	82-128				
p-Isopropyltoluene	45		"	50.0		91.0	85-125				
sec-Butylbenzene	44		"	50.0		88.0	83-125				
Styrene	45		"	50.0		90.6	86-126				
tert-Butyl alcohol (TBA)	270		"	250		107	70-130				
tert-Butylbenzene	43		"	50.0		86.7	80-127				
Tetrachloroethylene	39		"	50.0		77.9	80-129	Low Bias			
Toluene	46		"	50.0		92.1	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		98.3	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.9	78-132				
trans-1,4-dichloro-2-butene	47		"	50.0		94.7	75-135				
Trichloroethylene	45		"	50.0		90.6	84-123				
Trichlorofluoromethane	58		"	50.0		116	62-140				
Vinyl Chloride	49		"	50.0		97.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	52.3		"	50.0		105	77-125				
Surrogate: SURR: Toluene-d8	48.4		"	50.0		96.8	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.4		"	50.0		98.9	76-130				

LCS Dup (BF41349-BSD1)

Prepared & Analyzed: 06/19/2024

1,1,1,2-Tetrachloroethane	48		ug/L	50.0		95.3	75-129		4.15	30	
1,1,1-Trichloroethane	51		"	50.0		101	71-137		1.99	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.7	79-129		3.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		105	58-146		4.03	30	
1,1,2-Trichloroethane	48		"	50.0		96.0	83-123		3.97	30	
1,1-Dichloroethane	49		"	50.0		97.2	75-130		1.70	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		2.44	30	
1,2,3-Trichlorobenzene	47		"	50.0		93.3	81-140		4.36	30	
1,2,3-Trichloropropane	49		"	50.0		98.2	81-126		3.80	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.9	80-141		5.45	30	
1,2,4-Trimethylbenzene	46		"	50.0		92.7	84-125		4.59	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		105	74-142		5.93	30	
1,2-Dibromoethane	49		"	50.0		98.1	86-123		2.31	30	
1,2-Dichlorobenzene	47		"	50.0		93.3	85-122		3.31	30	
1,2-Dichloroethane	51		"	50.0		102	71-133		2.12	30	
1,2-Dichloropropane	48		"	50.0		96.4	81-122		3.50	30	
1,3,5-Trimethylbenzene	48		"	50.0		95.3	82-126		3.29	30	
1,3-Dichlorobenzene	46		"	50.0		91.6	84-124		3.04	30	
1,4-Dichlorobenzene	45		"	50.0		90.9	84-124		3.08	30	
1,4-Dioxane	970		"	1050		92.3	10-228		11.0	30	
2-Butanone	49		"	50.0		98.3	58-147		5.05	30	
2-Hexanone	51		"	50.0		102	70-139		5.18	30	
4-Methyl-2-pentanone	53		"	50.0		106	72-132		6.20	30	
Acetone	39		"	50.0		77.8	36-155		2.63	30	
Acrolein	40		"	50.0		80.8	10-238		13.7	30	
Acrylonitrile	53		"	50.0		106	66-141		1.06	30	
Benzene	50		"	50.0		99.2	77-127		0.603	30	
Bromochloromethane	51		"	50.0		102	74-129		0.274	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 BF41349 - EPA 5035A

LCS Dup (BF41349-BSD1)

Prepared & Analyzed: 06/19/2024

Bromodichloromethane	48		ug/L	50.0		96.3	81-124		2.97	30	
Bromoform	46		"	50.0		91.8	80-136		6.11	30	
Bromomethane	51		"	50.0		102	32-177		2.47	30	
Carbon disulfide	54		"	50.0		109	10-136		0.257	30	
Carbon tetrachloride	51		"	50.0		102	66-143		1.54	30	
Chlorobenzene	47		"	50.0		94.0	86-120		3.51	30	
Chloroethane	54		"	50.0		108	51-142		5.01	30	
Chloroform	49		"	50.0		98.8	76-131		1.59	30	
Chloromethane	41		"	50.0		82.2	49-132		5.03	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.3	74-132		0.343	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.1	81-129		1.81	30	
Cyclohexane	47		"	50.0		93.7	70-130		0.342	30	
Dibromochloromethane	51		"	50.0		103	10-200		4.30	30	
Dibromomethane	48		"	50.0		96.9	83-124		3.79	30	
Dichlorodifluoromethane	38		"	50.0		75.9	28-158		8.41	30	
Ethyl Benzene	49		"	50.0		97.1	84-125		4.01	30	
Hexachlorobutadiene	45		"	50.0		90.3	83-133		3.86	30	
Isopropylbenzene	45		"	50.0		90.9	81-127		2.83	30	
Methyl acetate	49		"	50.0		97.9	41-143		3.71	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.0	74-131		2.00	30	
Methylcyclohexane	45		"	50.0		90.7	70-130		3.73	30	
Methylene chloride	50		"	50.0		99.8	57-141		0.341	30	
n-Butylbenzene	47		"	50.0		93.2	80-130		3.45	30	
n-Propylbenzene	45		"	50.0		89.6	74-136		2.99	30	
o-Xylene	48		"	50.0		96.0	83-123		3.76	30	
p- & m- Xylenes	95		"	100		95.1	82-128		3.92	30	
p-Isopropyltoluene	47		"	50.0		93.8	85-125		3.03	30	
sec-Butylbenzene	45		"	50.0		90.5	83-125		2.85	30	
Styrene	47		"	50.0		94.3	86-126		4.02	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		7.92	30	
tert-Butylbenzene	45		"	50.0		89.1	80-127		2.80	30	
Tetrachloroethylene	40		"	50.0		80.1	80-129		2.83	30	
Toluene	48		"	50.0		95.7	85-121		3.88	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.2	72-132		0.871	30	
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132		4.82	30	
trans-1,4-dichloro-2-butene	51		"	50.0		101	75-135		6.46	30	
Trichloroethylene	47		"	50.0		93.9	84-123		3.55	30	
Trichlorofluoromethane	56		"	50.0		112	62-140		3.77	30	
Vinyl Chloride	48		"	50.0		95.9	52-130		1.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	51.0		"	50.0		102	77-125				
Surrogate: SURR: Toluene-d8	48.5		"	50.0		97.0	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.7		"	50.0		99.4	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 BF40959 - EPA 3550C

Blank (BF40959-BLK1)

Prepared: 06/14/2024 Analyzed: 06/17/2024

Acenaphthene	ND	0.042	mg/kg wet
Acenaphthylene	ND	0.042	"
Anthracene	ND	0.042	"
Benzo(a)anthracene	ND	0.042	"
Benzo(a)pyrene	ND	0.042	"
Benzo(b)fluoranthene	ND	0.042	"
Benzo(g,h,i)perylene	ND	0.042	"
Benzo(k)fluoranthene	ND	0.042	"
Chrysene	ND	0.042	"
Dibenzo(a,h)anthracene	ND	0.042	"
Fluoranthene	ND	0.042	"
Fluorene	ND	0.042	"
Indeno(1,2,3-cd)pyrene	ND	0.042	"
Naphthalene	ND	0.042	"
Phenanthrene	ND	0.042	"
Pyrene	ND	0.042	"

Surrogate: SURR: Nitrobenzene-d5	0.69	"	0.831	82.7	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.64	"	0.831	76.7	21-113
Surrogate: SURR: Terphenyl-d14	0.70	"	0.831	84.1	24-116

LCS (BF40959-BS1)

Prepared: 06/14/2024 Analyzed: 06/17/2024

Acenaphthene	0.46	0.042	mg/kg wet	0.831	55.8	17-124
Acenaphthylene	0.41	0.042	"	0.831	49.2	16-124
Anthracene	0.47	0.042	"	0.831	56.5	24-124
Benzo(a)anthracene	0.51	0.042	"	0.831	61.8	25-134
Benzo(a)pyrene	0.49	0.042	"	0.831	59.6	29-144
Benzo(b)fluoranthene	0.51	0.042	"	0.831	61.8	20-151
Benzo(g,h,i)perylene	0.50	0.042	"	0.831	60.0	10-153
Benzo(k)fluoranthene	0.51	0.042	"	0.831	61.3	10-148
Chrysene	0.49	0.042	"	0.831	59.1	24-116
Dibenzo(a,h)anthracene	0.53	0.042	"	0.831	64.0	17-147
Fluoranthene	0.46	0.042	"	0.831	55.8	36-125
Fluorene	0.46	0.042	"	0.831	55.5	16-130
Indeno(1,2,3-cd)pyrene	0.57	0.042	"	0.831	68.1	10-155
Naphthalene	0.44	0.042	"	0.831	52.6	20-121
Phenanthrene	0.48	0.042	"	0.831	57.3	24-123
Pyrene	0.48	0.042	"	0.831	58.0	24-132

Surrogate: SURR: Nitrobenzene-d5	0.62	"	0.831	75.2	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.57	"	0.831	69.2	21-113
Surrogate: SURR: Terphenyl-d14	0.66	"	0.831	79.1	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 BF40959 - EPA 3550C

Matrix Spike (BF40959-MS1)		*Source sample: 24F0873-07 (Matrix Spike)						Prepared: 06/14/2024 Analyzed: 06/17/2024			
Acenaphthene	0.55	0.093	mg/kg dry	0.929	ND	59.4	13-133				
Acenaphthylene	0.50	0.093	"	0.929	ND	53.4	25-125				
Anthracene	0.55	0.093	"	0.929	ND	59.2	27-128				
Benzo(a)anthracene	0.62	0.093	"	0.929	0.054	61.0	20-147				
Benzo(a)pyrene	0.60	0.093	"	0.929	0.050	59.6	18-153				
Benzo(b)fluoranthene	0.62	0.093	"	0.929	ND	66.5	10-163				
Benzo(g,h,i)perylene	0.60	0.093	"	0.929	ND	64.9	10-157				
Benzo(k)fluoranthene	0.60	0.093	"	0.929	ND	64.5	10-157				
Chrysene	0.59	0.093	"	0.929	0.051	58.4	18-133				
Dibenzo(a,h)anthracene	0.59	0.093	"	0.929	ND	63.8	10-146				
Fluoranthene	0.62	0.093	"	0.929	0.12	53.9	10-155				
Fluorene	0.55	0.093	"	0.929	ND	58.8	12-150				
Indeno(1,2,3-cd)pyrene	0.67	0.093	"	0.929	ND	72.3	10-155				
Naphthalene	0.55	0.093	"	0.929	ND	58.8	15-132				
Phenanthrene	0.59	0.093	"	0.929	0.079	55.4	10-151				
Pyrene	0.61	0.093	"	0.929	0.097	55.1	13-148				
Surrogate: SURR: Nitrobenzene-d5		0.75	"	0.929		80.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl		0.69	"	0.929		74.7	21-113				
Surrogate: SURR: Terphenyl-d14		0.71	"	0.929		75.9	24-116				

Matrix Spike Dup (BF40959-MSD1)		*Source sample: 24F0873-07 (Matrix Spike Dup)						Prepared: 06/14/2024 Analyzed: 06/17/2024			
Acenaphthene	0.56	0.093	mg/kg dry	0.929	ND	60.1	13-133		1.21	30	
Acenaphthylene	0.51	0.093	"	0.929	ND	54.6	25-125		2.07	30	
Anthracene	0.59	0.093	"	0.929	ND	63.2	27-128		6.54	30	
Benzo(a)anthracene	0.73	0.093	"	0.929	0.054	73.1	20-147		16.6	30	
Benzo(a)pyrene	0.73	0.093	"	0.929	0.050	72.7	18-153		18.3	30	
Benzo(b)fluoranthene	0.76	0.093	"	0.929	ND	82.1	10-163		21.0	30	
Benzo(g,h,i)perylene	0.71	0.093	"	0.929	ND	76.2	10-157		16.1	30	
Benzo(k)fluoranthene	0.67	0.093	"	0.929	ND	72.2	10-157		11.4	30	
Chrysene	0.70	0.093	"	0.929	0.051	70.3	18-133		17.1	30	
Dibenzo(a,h)anthracene	0.66	0.093	"	0.929	ND	71.1	10-146		10.9	30	
Fluoranthene	0.80	0.093	"	0.929	0.12	73.2	10-155		25.2	30	
Fluorene	0.56	0.093	"	0.929	ND	60.1	12-150		2.15	30	
Indeno(1,2,3-cd)pyrene	0.79	0.093	"	0.929	ND	84.5	10-155		15.5	30	
Naphthalene	0.55	0.093	"	0.929	ND	59.4	15-132		1.08	30	
Phenanthrene	0.70	0.093	"	0.929	0.079	67.2	10-151		17.0	30	
Pyrene	0.81	0.093	"	0.929	0.097	76.9	13-148		28.6	30	
Surrogate: SURR: Nitrobenzene-d5		0.77	"	0.929		82.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl		0.70	"	0.929		75.8	21-113				
Surrogate: SURR: Terphenyl-d14		0.78	"	0.929		83.5	24-116				



Organochlorine Pesticides 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 BF40962 - EPA 3550C

Blank (BF40962-BLK1)

Prepared & Analyzed: 06/14/2024

4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								

Surrogate: Decachlorobiphenyl

33.9

"

66.4

51.0

30-150

Surrogate: Tetrachloro-m-xylene

45.3

"

66.4

68.2

30-150

LCS (BF40962-BS1)

Prepared & Analyzed: 06/14/2024

4,4'-DDD	22.0	1.64	ug/kg wet	33.2		66.1	40-140				
4,4'-DDE	22.0	1.64	"	33.2		66.1	40-140				
4,4'-DDT	22.8	1.64	"	33.2		68.8	40-140				
Aldrin	21.2	1.64	"	33.2		63.7	40-140				
alpha-BHC	21.7	1.64	"	33.2		65.2	40-140				
alpha-Chlordane	22.6	1.64	"	33.2		68.1	40-140				
beta-BHC	24.1	1.64	"	33.2		72.6	40-140				
delta-BHC	20.9	1.64	"	33.2		63.0	40-140				
Dieldrin	22.0	1.64	"	33.2		66.4	40-140				
Endosulfan I	23.5	1.64	"	33.2		70.7	40-140				
Endosulfan II	24.4	1.64	"	33.2		73.5	40-140				
Endosulfan sulfate	23.3	1.64	"	33.2		70.2	40-140				
Endrin	23.0	1.64	"	33.2		69.1	40-140				
gamma-BHC (Lindane)	22.2	1.64	"	33.2		66.8	40-140				
Heptachlor	24.0	1.64	"	33.2		72.2	40-140				

Surrogate: Decachlorobiphenyl

31.5

"

66.4

47.3

30-150

Surrogate: Tetrachloro-m-xylene

42.4

"

66.4

63.8

30-150



Organochlorine Pesticides 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 BF40962 - EPA 3550C

Matrix Spike (BF40962-MS1)		*Source sample: 24F0829-01 (Matrix Spike)					Prepared: 06/14/2024 Analyzed: 06/17/2024				
4,4'-DDD	22.9	1.64	ug/kg dry	35.2	ND	65.1	30-150				
4,4'-DDE	23.3	1.64	"	35.2	ND	66.0	30-150				
4,4'-DDT	23.3	1.64	"	35.2	ND	66.1	30-150				
Aldrin	22.2	1.64	"	35.2	ND	63.1	30-150				
alpha-BHC	22.6	1.64	"	35.2	ND	64.2	30-150				
alpha-Chlordane	23.6	1.64	"	35.2	ND	67.0	30-150				
beta-BHC	25.5	1.64	"	35.2	ND	72.4	30-150				
delta-BHC	21.0	1.64	"	35.2	ND	59.7	30-150				
Dieldrin	23.1	1.64	"	35.2	ND	65.6	30-150				
Endosulfan I	24.6	1.64	"	35.2	ND	69.7	30-150				
Endosulfan II	25.5	1.64	"	35.2	ND	72.3	30-150				
Endosulfan sulfate	23.5	1.64	"	35.2	ND	66.7	30-150				
Endrin	24.1	1.64	"	35.2	ND	68.4	30-150				
gamma-BHC (Lindane)	23.1	1.64	"	35.2	ND	65.5	30-150				
Heptachlor	24.8	1.64	"	35.2	ND	70.3	30-150				
Surrogate: Decachlorobiphenyl		33.5	"	70.5		47.6	30-150				
Surrogate: Tetrachloro-m-xylene		45.3	"	70.5		64.3	30-150				

Matrix Spike Dup (BF40962-MSD1)		*Source sample: 24F0829-01 (Matrix Spike Dup)					Prepared: 06/14/2024 Analyzed: 06/17/2024				
4,4'-DDD	25.4	1.64	ug/kg dry	35.2	ND	72.1	30-150	10.2	30		
4,4'-DDE	25.5	1.64	"	35.2	ND	72.4	30-150	9.28	30		
4,4'-DDT	26.0	1.64	"	35.2	ND	73.7	30-150	10.9	30		
Aldrin	24.5	1.64	"	35.2	ND	69.5	30-150	9.70	30		
alpha-BHC	24.9	1.64	"	35.2	ND	70.6	30-150	9.52	30		
alpha-Chlordane	26.0	1.64	"	35.2	ND	73.8	30-150	9.61	30		
beta-BHC	27.9	1.64	"	35.2	ND	79.3	30-150	9.06	30		
delta-BHC	24.0	1.64	"	35.2	ND	68.2	30-150	13.3	30		
Dieldrin	25.5	1.64	"	35.2	ND	72.3	30-150	9.65	30		
Endosulfan I	27.0	1.64	"	35.2	ND	76.6	30-150	9.45	30		
Endosulfan II	28.3	1.64	"	35.2	ND	80.4	30-150	10.7	30		
Endosulfan sulfate	26.6	1.64	"	35.2	ND	75.4	30-150	12.2	30		
Endrin	26.5	1.64	"	35.2	ND	75.3	30-150	9.61	30		
gamma-BHC (Lindane)	25.4	1.64	"	35.2	ND	72.1	30-150	9.55	30		
Heptachlor	27.1	1.64	"	35.2	ND	77.0	30-150	9.11	30		
Surrogate: Decachlorobiphenyl		34.8	"	70.5		49.4	30-150				
Surrogate: Tetrachloro-m-xylene		47.2	"	70.5		66.9	30-150				



Organochlorine Pesticides 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 BF40967 - EPA 3550C

Blank (BF40967-BLK1)

Prepared: 06/14/2024 Analyzed: 06/16/2024

4,4'-DDD	ND	1.65	ug/kg wet
4,4'-DDE	ND	1.65	"
4,4'-DDT	ND	1.65	"
Aldrin	ND	1.65	"
alpha-BHC	ND	1.65	"
alpha-Chlordane	ND	1.65	"
beta-BHC	ND	1.65	"
delta-BHC	ND	1.65	"
Dieldrin	ND	1.65	"
Endosulfan I	ND	1.65	"
Endosulfan II	ND	1.65	"
Endosulfan sulfate	ND	1.65	"
Endrin	ND	1.65	"
gamma-BHC (Lindane)	ND	1.65	"
Heptachlor	ND	1.65	"

Surrogate: Decachlorobiphenyl

44.1

"

66.7

66.2

30-150

Surrogate: Tetrachloro-m-xylene

51.2

"

66.7

76.8

30-150

LCS (BF40967-BS1)

Prepared: 06/14/2024 Analyzed: 06/16/2024

4,4'-DDD	57.3	1.65	ug/kg wet	66.7	85.9	40-140
4,4'-DDE	61.3	1.65	"	66.7	91.9	40-140
4,4'-DDT	62.8	1.65	"	66.7	94.2	40-140
Aldrin	52.9	1.65	"	66.7	79.4	40-140
alpha-BHC	58.9	1.65	"	66.7	88.3	40-140
alpha-Chlordane	60.0	1.65	"	66.7	90.0	40-140
beta-BHC	66.1	1.65	"	66.7	99.1	40-140
delta-BHC	54.6	1.65	"	66.7	81.9	40-140
Dieldrin	60.7	1.65	"	66.7	91.0	40-140
Endosulfan I	61.3	1.65	"	66.7	92.0	40-140
Endosulfan II	65.2	1.65	"	66.7	97.8	40-140
Endosulfan sulfate	60.5	1.65	"	66.7	90.8	40-140
Endrin	64.3	1.65	"	66.7	96.4	40-140
gamma-BHC (Lindane)	58.9	1.65	"	66.7	88.4	40-140
Heptachlor	60.2	1.65	"	66.7	90.3	40-140

Surrogate: Decachlorobiphenyl

48.4

"

66.7

72.7

30-150

Surrogate: Tetrachloro-m-xylene

55.8

"

66.7

83.6

30-150



Organochlorine Pesticides 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 BF40967 - EPA 3550C

Matrix Spike (BF40967-MS1)		*Source sample: 24F0867-01 (Matrix Spike)					Prepared: 06/14/2024 Analyzed: 06/16/2024				
4,4'-DDD	29.6	1.64	ug/kg dry	34.5	2.83	77.8	30-150				
4,4'-DDE	24.4	1.64	"	34.5	ND	70.7	30-150				
4,4'-DDT	36.8	1.64	"	34.5	ND	107	30-150				
Aldrin	21.0	1.64	"	34.5	ND	60.9	30-150				
alpha-BHC	30.9	1.64	"	34.5	ND	89.8	30-150				
alpha-Chlordane	23.2	1.64	"	34.5	ND	67.3	30-150				
beta-BHC	29.1	1.64	"	34.5	ND	84.3	30-150				
delta-BHC	26.2	1.64	"	34.5	ND	76.1	30-150				
Dieldrin	23.7	1.64	"	34.5	ND	68.8	30-150				
Endosulfan I	24.1	1.64	"	34.5	ND	69.9	30-150				
Endosulfan II	25.4	1.64	"	34.5	ND	73.6	30-150				
Endosulfan sulfate	32.7	1.64	"	34.5	ND	95.1	30-150				
Endrin	28.2	1.64	"	34.5	ND	81.8	30-150				
gamma-BHC (Lindane)	31.7	1.64	"	34.5	ND	91.9	30-150				
Heptachlor	24.8	1.64	"	34.5	ND	72.0	30-150				
Surrogate: Decachlorobiphenyl		43.0	"	68.9		62.4	30-150				
Surrogate: Tetrachloro-m-xylene		48.2	"	68.9		70.0	30-150				

Matrix Spike Dup (BF40967-MSD1)		*Source sample: 24F0867-01 (Matrix Spike Dup)					Prepared: 06/14/2024 Analyzed: 06/16/2024				
4,4'-DDD	24.3	1.64	ug/kg dry	34.3	2.83	62.5	30-150	19.7	30		
4,4'-DDE	21.5	1.64	"	34.3	ND	62.7	30-150	12.4	30		
4,4'-DDT	31.7	1.64	"	34.3	ND	92.4	30-150	14.7	30		
Aldrin	18.9	1.64	"	34.3	ND	55.0	30-150	10.5	30		
alpha-BHC	25.0	1.64	"	34.3	ND	72.8	30-150	21.2	30		
alpha-Chlordane	23.1	1.64	"	34.3	ND	67.3	30-150	0.376	30		
beta-BHC	27.5	1.64	"	34.3	ND	80.1	30-150	5.53	30		
delta-BHC	20.2	1.64	"	34.3	ND	58.9	30-150	25.7	30		
Dieldrin	21.6	1.64	"	34.3	ND	63.0	30-150	9.13	30		
Endosulfan I	21.2	1.64	"	34.3	ND	61.8	30-150	12.6	30		
Endosulfan II	23.1	1.64	"	34.3	ND	67.3	30-150	9.30	30		
Endosulfan sulfate	26.3	1.64	"	34.3	ND	76.5	30-150	21.9	30		
Endrin	24.4	1.64	"	34.3	ND	71.1	30-150	14.4	30		
gamma-BHC (Lindane)	24.8	1.64	"	34.3	ND	72.3	30-150	24.3	30		
Heptachlor	24.7	1.64	"	34.3	ND	72.0	30-150	0.332	30		
Surrogate: Decachlorobiphenyl		38.6	"	68.7		56.2	30-150				
Surrogate: Tetrachloro-m-xylene		40.7	"	68.7		59.3	30-150				



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 BF40967 - EPA 3550C

Blank (BF40967-BLK2)

Prepared: 06/14/2024 Analyzed: 06/16/2024

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	0.0537		"	0.0667		80.5	30-140				
Surrogate: Decachlorobiphenyl	0.0367		"	0.0667		55.0	30-140				

LCS (BF40967-BS2)

Prepared: 06/14/2024 Analyzed: 06/16/2024

Aroclor 1016	0.278	0.0167	mg/kg wet	0.333		83.4	40-130				
Aroclor 1260	0.275	0.0167	"	0.333		82.4	40-130				
Surrogate: Tetrachloro-m-xylene	0.0543		"	0.0667		81.5	30-140				
Surrogate: Decachlorobiphenyl	0.0360		"	0.0667		54.0	30-140				

Matrix Spike (BF40967-MS2)

*Source sample: 24F0873-02 (Matrix Spike)

Prepared: 06/14/2024 Analyzed: 06/17/2024

Aroclor 1016	0.328	0.0189	mg/kg dry	0.378	ND	86.8	40-140				
Aroclor 1260	0.344	0.0189	"	0.378	ND	91.0	40-140				
Surrogate: Tetrachloro-m-xylene	0.0646		"	0.0756		85.5	30-140				
Surrogate: Decachlorobiphenyl	0.0499		"	0.0756		66.0	30-140				

Matrix Spike Dup (BF40967-MSD2)

*Source sample: 24F0873-02 (Matrix Spike Dup)

Prepared: 06/14/2024 Analyzed: 06/17/2024

Aroclor 1016	0.303	0.0186	mg/kg dry	0.373	ND	81.3	40-140	7.86	50		
Aroclor 1260	0.309	0.0186	"	0.373	ND	82.7	40-140	10.8	50		
Surrogate: Tetrachloro-m-xylene	0.0608		"	0.0746		81.5	30-140				
Surrogate: Decachlorobiphenyl	0.0440		"	0.0746		59.0	30-140				



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 BF41243 - EPA 3550C

Blank (BF41243-BLK1)

Prepared: 06/19/2024 Analyzed: 06/20/2024

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								

Surrogate: Tetrachloro-m-xylene	0.0472		"	0.0664	71.0	30-140					
Surrogate: Decachlorobiphenyl	0.0312		"	0.0664	47.0	30-140					

LCS (BF41243-BS1)

Prepared: 06/19/2024 Analyzed: 06/20/2024

Aroclor 1016	0.241	0.0166	mg/kg wet	0.332	72.6	40-130					
Aroclor 1260	0.250	0.0166	"	0.332	75.4	40-130					
Surrogate: Tetrachloro-m-xylene	0.0478		"	0.0664	72.0	30-140					
Surrogate: Decachlorobiphenyl	0.0349		"	0.0664	52.5	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 BF41278 - EPA 3050B

Blank (BF41278-BLK1)

Prepared: 06/19/2024 Analyzed: 06/20/2024

Arsenic	ND	1.25	mg/kg wet
Barium	ND	2.08	"
Cadmium	ND	0.250	"
Chromium	ND	0.417	"
Lead	ND	0.417	"
Selenium	ND	2.08	"
Silver	ND	0.420	"

Duplicate (BF41278-DUP1)

*Source sample: 24F0919-10 (SB-7 12-16 20240612)

Prepared: 06/19/2024 Analyzed: 06/20/2024

Arsenic	13.6	1.50	mg/kg dry	12.7	6.61	35
Barium	177	2.50	"	159	10.9	35
Cadmium	0.813	0.300	"	0.578	33.9	35
Chromium	21.4	0.501	"	21.3	0.539	35
Lead	284	0.501	"	173	48.3	35 Non-dir.
Selenium	2.68	2.50	"	4.07	41.3	35 Non-dir.
Silver	ND	0.504	"	ND		35

Matrix Spike (BF41278-MS1)

*Source sample: 24F0919-10 (SB-7 12-16 20240612)

Prepared: 06/19/2024 Analyzed: 06/20/2024

Arsenic	239	1.50	mg/kg dry	200	12.7	113	75-125
Barium	376	2.50	"	200	159	108	75-125
Cadmium	5.47	0.300	"	5.00	0.578	97.7	75-125
Chromium	38.7	0.501	"	20.0	21.3	87.0	75-125
Lead	304	0.501	"	50.0	173	261	75-125 High Bias
Selenium	232	2.50	"	200	4.07	114	75-125
Silver	4.29	0.504	"	5.00	ND	85.8	75-125

Post Spike (BF41278-PS1)

*Source sample: 24F0919-10 (SB-7 12-16 20240612)

Prepared: 06/19/2024 Analyzed: 06/20/2024

Arsenic	2.27	mg/L	2.00	0.127	107	75-125
Barium	3.47	"	2.00	1.59	94.0	75-125
Cadmium	0.052	"	0.0500	0.006	92.0	75-125
Chromium	0.389	"	0.200	0.213	87.9	75-125
Lead	2.16	"	0.500	1.73	86.2	75-125
Selenium	2.21	"	2.00	0.041	109	75-125
Silver	0.040	"	0.0500	-0.018	79.3	75-125



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 BF41278 - EPA 3050B

Reference (BF41278-SRM1)

Prepared: 06/19/2024 Analyzed: 06/20/2024

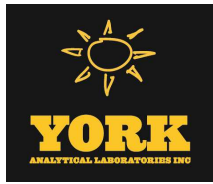
Arsenic	358	1.25	mg/kg wet	360		99.3	70.6-102.2				
Barium	326	2.08	"	332		98.2	75-108.1				
Cadmium	219	0.250	"	238		92.1	73.5-105				
Chromium	187	0.417	"	199		93.8	73.4-107				
Lead	96.5	0.417	"	100		96.5	75.9-110				
Selenium	195	2.08	"	170		115	78.2-115.9				
Silver	82.7	0.420	"	88.6		93.4	73.9-112				



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	Limit	Flag
Batch BF41190 - EPA 7473 soil											
Blank (BF41190-BLK1)								Prepared: 06/18/2024 Analyzed: 06/19/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF41190-DUP1)								Prepared: 06/18/2024 Analyzed: 06/19/2024			
Mercury	0.203	0.0311	mg/kg dry		0.154				27.2	35	
Matrix Spike (BF41190-MS1)								Prepared: 06/18/2024 Analyzed: 06/19/2024			
Mercury	0.550		mg/kg	0.500	0.149	80.3	75-125				
Reference (BF41190-SRM1)								Prepared: 06/18/2024 Analyzed: 06/19/2024			
Mercury	19.665		mg/kg	18.2		108	59.9-140.1				



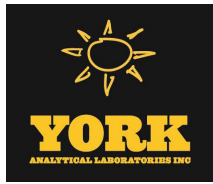
Miscellaneous Physical Parameters - Quality Control Data

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 BF41048 - % Solids Prep

Duplicate (BF41048-DUP1)		*Source sample: 24F0923-03 (Duplicate)					Prepared & Analyzed: 06/17/2024				
% Solids	83.5	0.100	%		83.1			0.509	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0919-02	SB-4 1-2 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-03	SB-5 1-3 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-04	SB-6 0.5-2 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-05	SB-8 4-6 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-06	SB-9 5-8 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-07	SB-10 5-6 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-09	SB-11 10-12 20240612	40mL Vial with Stir Bar-Cool 4° C
24F0919-10	SB-7 12-16 20240612	40mL Vial with Stir Bar-Cool 4° C



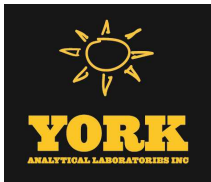
Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
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).

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

24700919

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

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: X N Containers Intact: X N COC/Labels Agree: Y N Preservation Confirmed: Y N
COC Complete: 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 Time: Y N Corrective Action Form Required: Y N

2. Samples Relinquished by / Company Date/Time

3. Samples Received by / Company Date/Time

Samples Received in LAB by Date/Time

Temperature Degrees C

YOUR Project Name / Number

NY NJ

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:

Invoice To:

Company:

Address:

Phone:

Contact:

E-mail:

Matrix Codes

S - soil/solid/sludge

GW - groundwater

DW - drinking water

SW - surface water

WW - wastewater

O - Oil

Other

Time

Matrix

Report To:

Company:

Address:

Phone:

Contact:

E-mail:

PO Number

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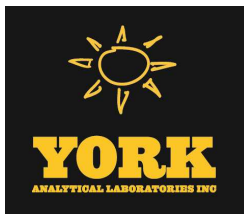
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Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Trevor Treglia

Report Date: 06/24/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0972

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: 06/24/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0972

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Trevor Treglia

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 June 14, 2024 and listed below. The project was identified as your project: **20240218**.

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>
24F0972-01	MW-1 20240611	Ground Water	06/11/2024	06/14/2024
24F0972-02	TMW-1 20240613	Ground Water	06/13/2024	06/14/2024

General Notes for York Project (SDG) No.: 24F0972

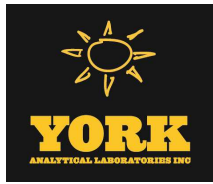
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 06/24/2024





Sample Information

Client Sample ID: MW-1 20240611

York Sample ID: 24F0972-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0972

20240218

Ground Water

June 11, 2024 1:00 pm

06/14/2024

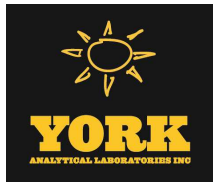
Volatile Organics, 8260 - Comprehensive

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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT
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	06/18/2024 08:00	06/18/2024 15:21	BMT



Sample Information

Client Sample ID: MW-1 20240611

York Sample ID: 24F0972-01

York Project (SDG) No.

24F0972

Client Project ID

20240218

Matrix

Ground Water

Collection Date/Time

June 11, 2024 1:00 pm

Date Received

06/14/2024

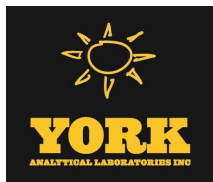
Volatile Organics, 8260 - Comprehensive

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT



Sample Information

Client Sample ID: MW-1 20240611

York Sample ID: 24F0972-01

York Project (SDG) No.
24F0972

Client Project ID
20240218

Matrix
Ground Water

Collection Date/Time
June 11, 2024 1:00 pm

Date Received
06/14/2024

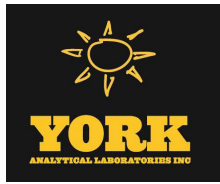
Volatile Organics, 8260 - Comprehensive

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
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	3.2		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
108-88-3	Toluene	0.25	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:21	BMT
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-1 20240611			York Sample ID: 24F0972-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0972	20240218	Ground Water	June 11, 2024 1:00 pm	06/14/2024	

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	102 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.5 %			79-122						

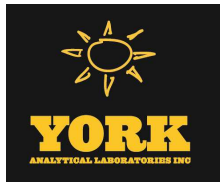
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
208-96-8	Acenaphthylene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
120-12-7	Anthracene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
218-01-9	Chrysene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
206-44-0	Fluoranthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
86-73-7	Fluorene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/16/2024 07:58	06/18/2024 11:30	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
91-20-3	Naphthalene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
85-01-8	Phenanthrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
129-00-0	Pyrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 11:30	SS
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.1 %	S-08	50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	41.9 %		39.9-105							



Sample Information

Client Sample ID: MW-1 20240611			York Sample ID: 24F0972-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0972	20240218	Ground Water	June 11, 2024 1:00 pm	06/14/2024	

Semi-Volatiles, CP-51 (formerly STARS) 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
1718-51-0	Surrogate: SURR: Terphenyl-d14	37.4 %			30.7-106						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/15/2024 07:04	06/16/2024 19:06	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	06/15/2024 07:04	06/16/2024 19:06	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	06/15/2024 07:04	06/16/2024 19:06	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	06/15/2024 07:04	06/16/2024 19:06	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	06/15/2024 07:04	06/16/2024 19:06	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	06/15/2024 07:04	06/16/2024 19:06	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	06/15/2024 07:04	06/16/2024 19:06	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	06/15/2024 07:04	06/16/2024 19:06	NF
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.5 %			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	17.0 %	S-GC, S-08		30-120					

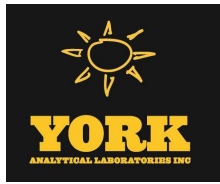
Metals, RCRA (no Hg) by 6020

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
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw
7440-39-3	Barium	0.0476		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw
7440-47-3	Chromium	0.00231		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw
7439-92-1	Lead	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw



Sample Information

Client Sample ID: MW-1 20240611			York Sample ID: 24F0972-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0972	20240218	Ground Water	June 11, 2024 1:00 pm	06/14/2024	

Metals, RCRA (no Hg) by 6020Log-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
7440-22-4	Silver	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:22	cw

Mercury by 7470/7471Log-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	06/24/2024 08:16	06/24/2024 08:16	PFA

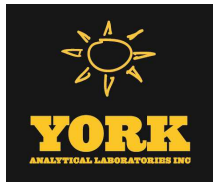
Sample Information

Client Sample ID: TMW-1 20240613			York Sample ID: 24F0972-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0972	20240218	Ground Water	June 13, 2024 8:00 am	06/14/2024	

Volatile Organics, 8260 - ComprehensiveLog-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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT



Sample Information

Client Sample ID: TMW-1 20240613

York Sample ID: 24F0972-02

York Project (SDG) No.

24F0972

Client Project ID

20240218

Matrix

Ground Water

Collection Date/Time

June 13, 2024 8:00 am

Date Received

06/14/2024

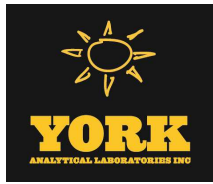
Volatile Organics, 8260 - Comprehensive

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
78-93-3	2-Butanone	0.51		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
67-64-1	Acetone	5.0		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT



Sample Information

Client Sample ID: TMW-1 20240613

York Sample ID: 24F0972-02

York Project (SDG) No.

24F0972

Client Project ID

20240218

Matrix

Ground Water

Collection Date/Time

June 13, 2024 8:00 am

Date Received

06/14/2024

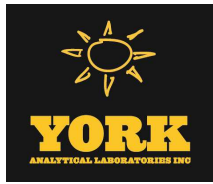
Volatile Organics, 8260 - Comprehensive

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
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/18/2024 08:00	06/18/2024 15:50	BMT



Sample Information

Client Sample ID: TMW-1 20240613			York Sample ID: 24F0972-02		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0972	20240218	Ground Water	June 13, 2024 8:00 am	06/14/2024	

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 15:50	BMT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
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	06/18/2024 08:00	06/18/2024 15:50	BMT
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 15:50	BMT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 15:50	BMT
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 15:50	BMT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/18/2024 08:00	06/18/2024 15:50	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.2 %	79-122								

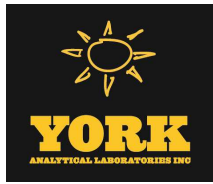
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
208-96-8	Acenaphthylene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
120-12-7	Anthracene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS



Sample Information

Client Sample ID: TMW-1 20240613

York Sample ID: 24F0972-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0972

20240218

Ground Water

June 13, 2024 8:00 am

06/14/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
218-01-9	Chrysene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
206-44-0	Fluoranthene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
86-73-7	Fluorene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/16/2024 07:58	06/18/2024 12:07	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
91-20-3	Naphthalene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
85-01-8	Phenanthrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
129-00-0	Pyrene	ND		ug/L	0.050	0.050	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 07:58	06/18/2024 12:07	SS
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	114 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	101 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.8 %			30.7-106						

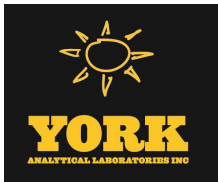
Metals, RCRA (no Hg) by 6020

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
7440-38-2	Arsenic	0.00468		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 08:46	06/20/2024 15:25	cw
7440-39-3	Barium	0.0816		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 08:46	06/20/2024 15:25	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:25	cw
7440-47-3	Chromium	0.00200		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 08:46	06/20/2024 15:25	cw
7439-92-1	Lead	0.00327		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 08:46	06/20/2024 15:25	cw
7782-49-2	Selenium	0.0115		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 08:46	06/20/2024 15:25	cw
7440-22-4	Silver	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 08:46	06/20/2024 15:25	cw



Sample Information

Client Sample ID: TMW-1 20240613		York Sample ID: 24F0972-02		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
24F0972	20240218	Ground Water	June 13, 2024 8:00 am	06/14/2024

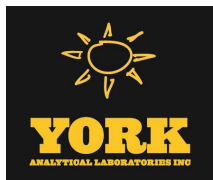
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/24/2024 08:16	06/24/2024 08:16	PFA



Analytical Batch Summary

Batch ID: BF41003 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
24F0972-01	MW-1 20240611	06/15/24
BF41003-BLK1	Blank	06/15/24
BF41003-BS2	LCS	06/15/24

Batch ID: BF41018 **Preparation Method:** EPA 3510C **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
24F0972-01	MW-1 20240611	06/16/24
24F0972-02	TMW-1 20240613	06/16/24
BF41018-BLK1	Blank	06/16/24
BF41018-BS1	LCS	06/16/24
BF41018-BSD1	LCS Dup	06/16/24

Batch ID: BF41151 **Preparation Method:** EPA 5030B **Prepared By:** FO

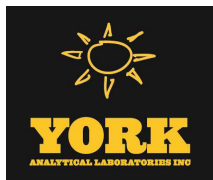
YORK Sample ID	Client Sample ID	Preparation Date
24F0972-01	MW-1 20240611	06/18/24
24F0972-02	TMW-1 20240613	06/18/24
BF41151-BLK1	Blank	06/18/24
BF41151-BS1	LCS	06/18/24
BF41151-BSD1	LCS Dup	06/18/24

Batch ID: BF41333 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24F0972-01	MW-1 20240611	06/20/24
24F0972-02	TMW-1 20240613	06/20/24
BF41333-BLK1	Blank	06/20/24
BF41333-BS1	LCS	06/20/24
BF41333-DUP1	Duplicate	06/20/24
BF41333-MS1	Matrix Spike	06/20/24

Batch ID: BF41528 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24F0972-01	MW-1 20240611	06/24/24
24F0972-02	TMW-1 20240613	06/24/24
BF41528-BLK1	Blank	06/24/24
BF41528-BLK2	Blank	06/24/24
BF41528-BS1	LCS	06/24/24
BF41528-BS2	LCS	06/24/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

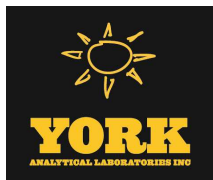
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41151 - EPA 5030B

Blank (BF41151-BLK1)

Prepared & Analyzed: 06/18/2024

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	"
Methyleyclohexane	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	Limit	Flag
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Batch BF41151 - EPA 5030B

Blank (BF41151-BLK1)

Prepared & Analyzed: 06/18/2024

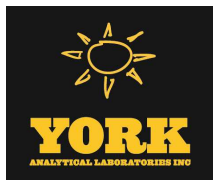
Methylene chloride	ND	2.0	ug/L
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	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	13.7	"	10.0	137	69-130
Surrogate: SURR: Toluene-d8	9.63	"	10.0	96.3	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.22	"	10.0	92.2	79-122

LCS (BF41151-BS1)

Prepared & Analyzed: 06/18/2024

1,1,1,2-Tetrachloroethane	10	ug/L	10.0	101	82-126
1,1,1-Trichloroethane	10	"	10.0	101	78-136
1,1,2,2-Tetrachloroethane	11	"	10.0	106	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	"	10.0	105	54-165
1,1,2-Trichloroethane	9.9	"	10.0	99.4	82-123
1,1-Dichloroethane	10	"	10.0	100	82-129
1,1-Dichloroethylene	11	"	10.0	111	68-138
1,2,3-Trichlorobenzene	10	"	10.0	102	40-130
1,2,3-Trichloropropane	10	"	10.0	99.9	77-128
1,2,4-Trichlorobenzene	10	"	10.0	103	65-137
1,2,4-Trimethylbenzene	10	"	10.0	104	82-132
1,2-Dibromo-3-chloropropane	10	"	10.0	104	45-147
1,2-Dibromoethane	9.9	"	10.0	98.8	83-124
1,2-Dichlorobenzene	10	"	10.0	100	79-123
1,2-Dichloroethane	10	"	10.0	100	73-132
1,2-Dichloropropane	10	"	10.0	103	78-126
1,3,5-Trimethylbenzene	10	"	10.0	105	80-131
1,3-Dichlorobenzene	10	"	10.0	99.6	86-130
1,4-Dichlorobenzene	9.9	"	10.0	98.6	85-130
1,4-Dioxane	210	"	210	99.8	10-349
2-Butanone	9.6	"	10.0	96.3	49-152
2-Hexanone	9.1	"	10.0	91.1	51-146
4-Methyl-2-pentanone	9.8	"	10.0	98.4	57-145
Acetone	6.3	"	10.0	62.8	14-150
Acrolein	4.2	"	10.0	42.3	10-153
Acrylonitrile	10	"	10.0	100	51-150



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

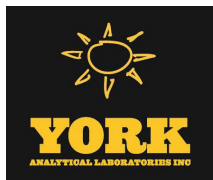
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41151 - EPA 5030B

LCS (BF41151-BS1)

Prepared & Analyzed: 06/18/2024

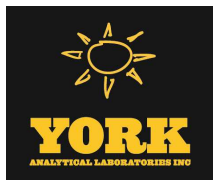
Benzene	11		ug/L	10.0		106	85-126				
Bromochloromethane	10		"	10.0		101	77-128				
Bromodichloromethane	10		"	10.0		102	79-128				
Bromoform	9.0		"	10.0		90.1	78-133				
Bromomethane	8.2		"	10.0		82.0	43-168				
Carbon disulfide	11		"	10.0		112	68-146				
Carbon tetrachloride	10		"	10.0		105	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	11		"	10.0		110	65-136				
Chloroform	10		"	10.0		99.7	82-128				
Chloromethane	10		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		103	83-129				
cis-1,3-Dichloropropylene	9.9		"	10.0		98.9	80-131				
Cyclohexane	10		"	10.0		103	63-149				
Dibromochloromethane	10		"	10.0		103	80-130				
Dibromomethane	10		"	10.0		100	72-134				
Dichlorodifluoromethane	12		"	10.0		122	44-144				
Ethyl Benzene	11		"	10.0		107	80-131				
Hexachlorobutadiene	10		"	10.0		103	67-146				
Isopropylbenzene	11		"	10.0		105	76-140				
Methyl acetate	9.0		"	10.0		89.8	51-139				
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		98.2	76-135				
Methylcyclohexane	9.8		"	10.0		98.1	72-143				
Methylene chloride	9.6		"	10.0		95.5	55-137				
n-Butylbenzene	10		"	10.0		100	79-132				
n-Propylbenzene	10		"	10.0		104	78-133				
o-Xylene	10		"	10.0		102	78-130				
p- & m- Xylenes	21		"	20.0		107	77-133				
p-Isopropyltoluene	10		"	10.0		103	81-136				
sec-Butylbenzene	10		"	10.0		102	79-137				
Styrene	10		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	49		"	50.0		97.8	25-162				
tert-Butylbenzene	10		"	10.0		102	77-138				
Tetrachloroethylene	5.3		"	10.0		53.0	82-131	Low Bias			
Toluene	10		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	9.9		"	10.0		99.1	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		99.6	63-141				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	11		"	10.0		108	67-139				
Vinyl Chloride	10		"	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.92		"	10.0		99.2	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	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 BF41151 - EPA 5030B											
LCS Dup (BF41151-BSD1)						Prepared & Analyzed: 06/18/2024					
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126		5.77	30	
1,1,1-Trichloroethane	11		"	10.0		107	78-136		6.14	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		0.282	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165		6.83	30	
1,1,2-Trichloroethane	10		"	10.0		102	82-123		3.07	30	
1,1-Dichloroethane	11		"	10.0		106	82-129		5.42	30	
1,1-Dichloroethylene	12		"	10.0		118	68-138		5.86	30	
1,2,3-Trichlorobenzene	11		"	10.0		113	40-130		10.8	30	
1,2,3-Trichloropropane	10		"	10.0		104	77-128		3.54	30	
1,2,4-Trichlorobenzene	11		"	10.0		110	65-137		6.86	30	
1,2,4-Trimethylbenzene	11		"	10.0		113	82-132		7.65	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		106	45-147		1.91	30	
1,2-Dibromoethane	10		"	10.0		104	83-124		4.65	30	
1,2-Dichlorobenzene	11		"	10.0		107	79-123		5.98	30	
1,2-Dichloroethane	10		"	10.0		104	73-132		4.30	30	
1,2-Dichloropropane	11		"	10.0		107	78-126		3.71	30	
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131		8.33	30	
1,3-Dichlorobenzene	11		"	10.0		107	86-130		6.98	30	
1,4-Dichlorobenzene	11		"	10.0		105	85-130		6.48	30	
1,4-Dioxane	210		"	210		102	10-349		2.20	30	
2-Butanone	9.8		"	10.0		98.3	49-152		2.06	30	
2-Hexanone	9.3		"	10.0		93.0	51-146		2.06	30	
4-Methyl-2-pentanone	10		"	10.0		99.7	57-145		1.31	30	
Acetone	6.4		"	10.0		64.5	14-150		2.67	30	
Acrolein	3.7		"	10.0		37.3	10-153		12.6	30	
Acrylonitrile	11		"	10.0		105	51-150		5.16	30	
Benzene	11		"	10.0		113	85-126		5.85	30	
Bromochloromethane	11		"	10.0		106	77-128		4.63	30	
Bromodichloromethane	11		"	10.0		107	79-128		4.21	30	
Bromoform	9.4		"	10.0		93.9	78-133		4.13	30	
Bromomethane	10		"	10.0		102	43-168		21.8	30	
Carbon disulfide	12		"	10.0		119	68-146		6.05	30	
Carbon tetrachloride	11		"	10.0		112	77-141		6.56	30	
Chlorobenzene	11		"	10.0		108	88-120		5.98	30	
Chloroethane	12		"	10.0		118	65-136		6.58	30	
Chloroform	11		"	10.0		105	82-128		5.46	30	
Chloromethane	11		"	10.0		110	43-155		7.95	30	
cis-1,2-Dichloroethylene	11		"	10.0		106	83-129		3.64	30	
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131		3.87	30	
Cyclohexane	11		"	10.0		111	63-149		7.96	30	
Dibromochloromethane	11		"	10.0		107	80-130		3.90	30	
Dibromomethane	10		"	10.0		103	72-134		2.66	30	
Dichlorodifluoromethane	13		"	10.0		133	44-144		8.31	30	
Ethyl Benzene	11		"	10.0		114	80-131		6.62	30	
Hexachlorobutadiene	11		"	10.0		111	67-146		7.39	30	
Isopropylbenzene	11		"	10.0		114	76-140		8.38	30	
Methyl acetate	9.1		"	10.0		90.6	51-139		0.887	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135		4.19	30	
Methylcyclohexane	11		"	10.0		107	72-143		8.68	30	
Methylene chloride	10		"	10.0		99.5	55-137		4.10	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

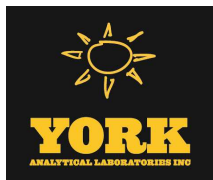
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41151 - EPA 5030B

LCS Dup (BF41151-BSD1)

Prepared & Analyzed: 06/18/2024

n-Butylbenzene	11		ug/L	10.0		112	79-132		10.8	30
n-Propylbenzene	11		"	10.0		114	78-133		9.08	30
o-Xylene	11		"	10.0		109	78-130		6.92	30
p- & m- Xylenes	23		"	20.0		115	77-133		6.99	30
p-Isopropyltoluene	12		"	10.0		115	81-136		11.1	30
sec-Butylbenzene	11		"	10.0		114	79-137		10.9	30
Styrene	11		"	10.0		110	67-132		6.07	30
tert-Butyl alcohol (TBA)	50		"	50.0		99.2	25-162		1.42	30
tert-Butylbenzene	11		"	10.0		112	77-138		9.66	30
Tetrachloroethylene	5.7		"	10.0		57.1	82-131	Low Bias	7.45	30
Toluene	11		"	10.0		108	80-127		4.46	30
trans-1,2-Dichloroethylene	11		"	10.0		110	80-132		4.28	30
trans-1,3-Dichloropropylene	10		"	10.0		103	78-131		3.96	30
trans-1,4-dichloro-2-butene	10		"	10.0		105	63-141		5.18	30
Trichloroethylene	11		"	10.0		109	82-128		6.64	30
Trichlorofluoromethane	12		"	10.0		117	67-139		8.26	30
Vinyl Chloride	11		"	10.0		113	58-145		7.99	30
Surrogate: SURR: 1,2-Dichloroethane-d4	9.90		"	10.0		99.0	69-130			
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.94		"	10.0		99.4	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 BF41018 - EPA 3510C

Blank (BF41018-BLK1)

Prepared: 06/16/2024 Analyzed: 06/17/2024

Acenaphthene	ND	0.050	ug/L
Acenaphthylene	ND	0.050	"
Anthracene	ND	0.050	"
Benzo(a)anthracene	ND	0.050	"
Benzo(a)pyrene	ND	0.050	"
Benzo(b)fluoranthene	ND	0.050	"
Benzo(g,h,i)perylene	ND	0.050	"
Benzo(k)fluoranthene	ND	0.050	"
Chrysene	ND	0.050	"
Dibenzo(a,h)anthracene	ND	0.050	"
Fluoranthene	ND	0.050	"
Fluorene	ND	0.050	"
Indeno(1,2,3-cd)pyrene	ND	0.050	"
Naphthalene	ND	0.050	"
Phenanthrene	ND	0.050	"
Pyrene	ND	0.050	"

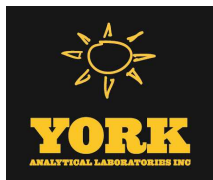
Surrogate: SURR: Nitrobenzene-d5	25	"	25.0	98.4	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	22	"	25.0	88.7	39.9-105
Surrogate: SURR: Terphenyl-d14	26	"	25.0	105	30.7-106

LCS (BF41018-BS1)

Prepared: 06/16/2024 Analyzed: 06/17/2024

Acenaphthene	23	0.050	ug/L	25.0	92.6	24-114
Acenaphthylene	21	0.050	"	25.0	84.7	26-112
Anthracene	25	0.050	"	25.0	99.1	35-114
Benzo(a)anthracene	27	0.050	"	25.0	107	38-127
Benzo(a)pyrene	28	0.050	"	25.0	113	30-146
Benzo(b)fluoranthene	29	0.050	"	25.0	118	36-145
Benzo(g,h,i)perylene	36	0.050	"	25.0	145	10-163
Benzo(k)fluoranthene	29	0.050	"	25.0	118	16-149
Chrysene	27	0.050	"	25.0	108	33-120
Dibenzo(a,h)anthracene	30	0.050	"	25.0	120	10-149
Fluoranthene	27	0.050	"	25.0	106	33-126
Fluorene	25	0.050	"	25.0	99.5	28-117
Indeno(1,2,3-cd)pyrene	30	0.050	"	25.0	121	10-150
Naphthalene	21	0.050	"	25.0	84.2	30-99
Phenanthrene	25	0.050	"	25.0	101	31-112
Pyrene	25	0.050	"	25.0	100	42-125

Surrogate: SURR: Nitrobenzene-d5	25	"	25.0	99.4	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	23	"	25.0	91.4	39.9-105
Surrogate: SURR: Terphenyl-d14	26	"	25.0	102	30.7-106



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

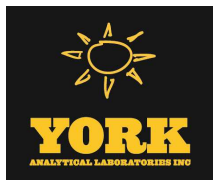
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41018 - EPA 3510C

LCS Dup (BF41018-BSD1)

Prepared: 06/16/2024 Analyzed: 06/17/2024

Acenaphthene	23	0.050	ug/L	25.0		92.2	24-114		0.476	20	
Acenaphthylene	21	0.050	"	25.0		84.0	26-112		0.806	20	
Anthracene	24	0.050	"	25.0		96.6	35-114		2.49	20	
Benzo(a)anthracene	27	0.050	"	25.0		106	38-127		0.525	20	
Benzo(a)pyrene	28	0.050	"	25.0		111	30-146		1.36	20	
Benzo(b)fluoranthene	28	0.050	"	25.0		112	36-145		4.59	20	
Benzo(g,h,i)perylene	36	0.050	"	25.0		143	10-163		1.36	20	
Benzo(k)fluoranthene	28	0.050	"	25.0		112	16-149		4.59	20	
Chrysene	27	0.050	"	25.0		107	33-120		1.08	20	
Dibenzo(a,h)anthracene	30	0.050	"	25.0		119	10-149		1.37	20	
Fluoranthene	26	0.050	"	25.0		103	33-126		2.71	20	
Fluorene	25	0.050	"	25.0		99.7	28-117		0.201	20	
Indeno(1,2,3-cd)pyrene	30	0.050	"	25.0		119	10-150		1.37	20	
Naphthalene	21	0.050	"	25.0		82.8	30-99		1.58	20	
Phenanthrene	25	0.050	"	25.0		99.2	31-112		1.88	20	
Pyrene	25	0.050	"	25.0		98.7	42-125		1.37	20	
Surrogate: SURR: Nitrobenzene-d5	23		"	25.0		92.3	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	21		"	25.0		85.6	39.9-105				
Surrogate: SURR: Terphenyl-d14	24		"	25.0		96.8	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
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Batch BF41003 - EPA SW846-3510C Low Level

Blank (BF41003-BLK1)

Prepared: 06/15/2024 Analyzed: 06/17/2024

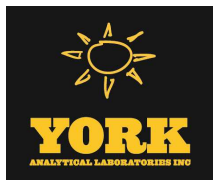
Aroclor 1016	ND	0.0500	ug/L
Aroclor 1221	ND	0.0500	"
Aroclor 1232	ND	0.0500	"
Aroclor 1242	ND	0.0500	"
Aroclor 1248	ND	0.0500	"
Aroclor 1254	ND	0.0500	"
Aroclor 1260	ND	0.0500	"
Total PCBs	ND	0.0500	"

Surrogate: Tetrachloro-m-xylene	0.0630	"	0.200	31.5	30-120
Surrogate: Decachlorobiphenyl	0.0610	"	0.200	30.5	30-120

LCS (BF41003-BS2)

Prepared: 06/15/2024 Analyzed: 06/16/2024

Aroclor 1016	0.425	0.0500	ug/L	1.00	42.5	40-120
Aroclor 1260	0.501	0.0500	"	1.00	50.1	40-120
Surrogate: Tetrachloro-m-xylene	0.0690		"	0.200	34.5	30-120
Surrogate: Decachlorobiphenyl	0.0950		"	0.200	47.5	30-120



Metals by ICP/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 BF41333 - EPA 3015A

Blank (BF41333-BLK1)

Prepared & Analyzed: 06/20/2024

Arsenic	ND	0.00111	mg/L
Barium	ND	0.00111	"
Cadmium	ND	0.000556	"
Chromium	ND	0.00111	"
Lead	ND	0.00111	"
Selenium	ND	0.00111	"
Silver	ND	0.00111	"

LCS (BF41333-BS1)

Prepared & Analyzed: 06/20/2024

Arsenic	46.1		ug/L	50.0	92.3	80-120
Barium	50.4		"	50.0	101	80-120
Cadmium	47.4		"	50.0	94.8	80-120
Chromium	48.8		"	50.0	97.5	80-120
Lead	46.8		"	50.0	93.6	80-120
Selenium	50.8		"	50.0	102	80-120
Silver	45.7		"	50.0	91.4	80-120

Duplicate (BF41333-DUP1)

*Source sample: 24F0989-01 (Duplicate)

Prepared & Analyzed: 06/20/2024

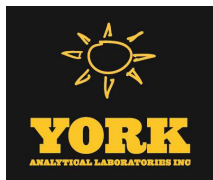
Arsenic	ND	0.00111	mg/L	ND		20
Barium	0.00730	0.00111	"	0.00709	2.79	20
Cadmium	ND	0.000556	"	ND		20
Chromium	0.00179	0.00111	"	0.00184	2.48	20
Lead	ND	0.00111	"	ND		20
Selenium	ND	0.00111	"	ND		20
Silver	ND	0.00111	"	ND		20

Matrix Spike (BF41333-MS1)

*Source sample: 24F0989-01 (Matrix Spike)

Prepared & Analyzed: 06/20/2024

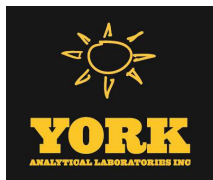
Arsenic	46.2		ug/L	50.0	0.129	92.1	75-125
Barium	53.2		"	50.0	6.38	93.6	75-125
Cadmium	47.0		"	50.0	0.011	94.0	75-125
Chromium	46.7		"	50.0	1.65	90.0	75-125
Lead	43.2		"	50.0	0.053	86.3	75-125
Selenium	49.3		"	50.0	-0.102	98.7	75-125
Silver	51.6		"	50.0	0.002	103	75-125



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

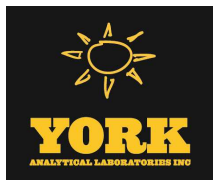
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF41528 - EPA SW846-7470A											
Blank (BF41528-BLK1)											
Prepared & Analyzed: 06/24/2024											
Mercury	ND	0.0002	mg/L								
Blank (BF41528-BLK2)											
Prepared & Analyzed: 06/24/2024											
Mercury	ND	0.0002	mg/L								
LCS (BF41528-BS1)											
Prepared & Analyzed: 06/24/2024											
Mercury	0.0020519	0.0002	mg/L	0.00200		103	80-120				
LCS (BF41528-BS2)											
Prepared & Analyzed: 06/24/2024											
Mercury	0.0021350	0.0002	mg/L	0.00200		107	80-120				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0972-01	MW-1 20240611	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0972-02	TMW-1 20240613	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



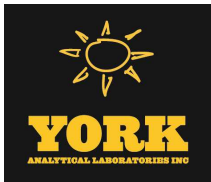
Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.



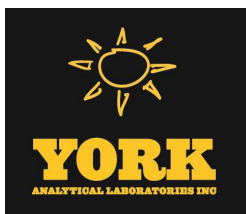
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.



Technical Report

prepared for:

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

Report Date: 06/24/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0974

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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ClientServices@yorklab.com

Report Date: 06/24/2024
Client Project ID: 20240218
York Project (SDG) No.: 24F0974

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 June 14, 2024 and listed below. The project was identified as your project: **20240218**.

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>
24F0974-01	SB-12 2-6 20240613	Soil	06/13/2024	06/14/2024
24F0974-02	SB-12 8-9 20240613	Soil	06/13/2024	06/14/2024
24F0974-03	SB-13 2-6 20240613	Soil	06/13/2024	06/14/2024
24F0974-04	SB-13 11-12 20240613	Soil	06/13/2024	06/14/2024
24F0974-05	SB-14 2-6 20240613	Soil	06/13/2024	06/14/2024
24F0974-06	SB-14 4-8 20240613	Soil	06/13/2024	06/14/2024

General Notes for York Project (SDG) No.: 24F0974

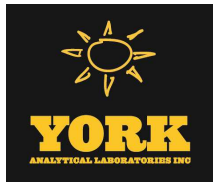
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 06/24/2024





Sample Information

Client Sample ID: SB-12 2-6 20240613			York Sample ID: 24F0974-01		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0974	20240218	Soil	June 13, 2024 8:05 am	06/14/2024	

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
309-00-2	Aldrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
319-84-6	alpha-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/15/2024 07:12	06/16/2024 19:17	NF
319-85-7	beta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
319-86-8	delta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
60-57-1	Dieldrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
959-98-8	Endosulfan I	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/15/2024 07:12	06/16/2024 19:17	NF
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
72-20-8	Endrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
76-44-8	Heptachlor	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:17	NF
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	80.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	88.8 %	30-150							

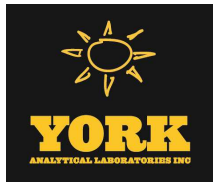
Total Solids

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	79.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/18/2024 12:20	06/18/2024 14:13	HLY



Sample Information

Client Sample ID: SB-12 8-9 20240613

York Sample ID: 24F0974-02

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 8:20 am

Date Received

06/14/2024

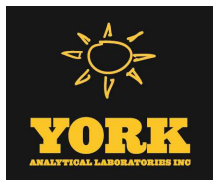
Volatile Organics, 8260 - Comprehensive

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	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
75-34-3	1,1-Dichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
75-35-4	1,1-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
106-93-4	1,2-Dibromoethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
107-06-2	1,2-Dichloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
78-87-5	1,2-Dichloropropane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
123-91-1	1,4-Dioxane	ND	IS-LO	mg/kg dry	0.054	0.11	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
78-93-3	2-Butanone	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
591-78-6	2-Hexanone	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:09	ME



Sample Information

Client Sample ID: SB-12 8-9 20240613

York Sample ID: 24F0974-02

York Project (SDG) No.
24F0974

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 13, 2024 8:20 am

Date Received
06/14/2024

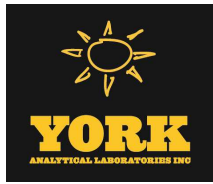
Volatile Organics, 8260 - Comprehensive

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	0.33	IS-LO	mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
107-02-8	Acrolein	ND	IS-LO	mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
107-13-1	Acrylonitrile	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
71-43-2	Benzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
74-97-5	Bromochloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:09	ME
75-27-4	Bromodichloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
74-83-9	Bromomethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
75-15-0	Carbon disulfide	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
56-23-5	Carbon tetrachloride	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
108-90-7	Chlorobenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
75-00-3	Chloroethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
67-66-3	Chloroform	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
74-87-3	Chloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
110-82-7	Cyclohexane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:09	ME
124-48-1	Dibromochloromethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:09	ME
74-95-3	Dibromomethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:09	ME
75-71-8	Dichlorodifluoromethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:09	ME
100-41-4	Ethyl Benzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:09	ME
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:09	ME



Sample Information

Client Sample ID: SB-12 8-9 20240613

York Sample ID: 24F0974-02

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 8:20 am

Date Received

06/14/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

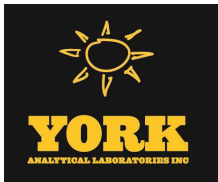
Sample Prepared by Method: EPA 5035A

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	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 12:30	06/17/2024 22:09	ME
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
108-87-2	Methylcyclohexane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 12:30	06/17/2024 22:09	ME
75-09-2	Methylene chloride	ND	IS-LO	mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
95-47-6	o-Xylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
179601-23-1	p- & m- Xylenes	ND	IS-LO	mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
100-42-5	Styrene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 12:30	06/17/2024 22:09	ME
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
127-18-4	Tetrachloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
108-88-3	Toluene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	06/17/2024 12:30	06/17/2024 22:09	ME
79-01-6	Trichloroethylene	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
75-69-4	Trichlorofluoromethane	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
75-01-4	Vinyl Chloride	ND	IS-LO	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME
1330-20-7	Xylenes, Total	ND	IS-LO	mg/kg dry	0.0081	0.016	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:09	ME

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-12 8-9 20240613			York Sample ID: 24F0974-02		
York Project (SDG) No. 24F0974	Client Project ID 20240218	Matrix Soil	Collection Date/Time June 13, 2024 8:20 am	Date Received 06/14/2024	

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	171 %	IS-LO, S-03, S-08		77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	94.9 %	IS-LO		85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %	IS-LO		76-130						

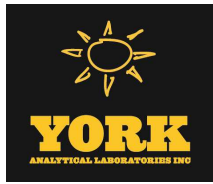
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	0.055	J	mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	Anthracene	0.13		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	Benzo(a)anthracene	0.28		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	0.29		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	0.22		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.17		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.24		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	0.24		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	0.64		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	0.20	CCVE	mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
85-01-8	Phenanthrene	0.54		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	Pyrene	0.55		mg/kg dry	0.053	0.10	2	EPA 8270E	06/16/2024 08:05	06/17/2024 12:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: SB-12 8-9 20240613

York Sample ID: 24F0974-02

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 8:20 am

Date Received

06/14/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	89.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	90.2 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.5 %			24-116						

Metals, RCRA

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
7440-38-2	Arsenic	28.6	M-CCV 1	mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	AGNR
7440-39-3	Barium	187	M-CCV 1	mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	AGNR
7440-47-3	Chromium	20.0		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	AGNR
7439-92-1	Lead	333	M-CCV 1	mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	AGNR
7782-49-2	Selenium	2.99	M-CCV 1	mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.532	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:12	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	0.444		mg/kg dry	0.0380	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/19/2024 15:27	06/20/2024 21:41	DRS

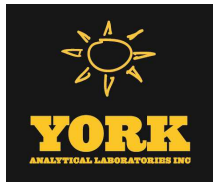
Total Solids

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	79.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/18/2024 12:20	06/18/2024 14:13	HLV



Sample Information

Client Sample ID: SB-13 2-6 20240613			York Sample ID: 24F0974-03		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0974	20240218	Soil	June 13, 2024 9:15 am	06/14/2024	

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/15/2024 07:12	06/16/2024 19:34	NF
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/15/2024 07:12	06/16/2024 19:34	NF
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/16/2024 19:34	NF
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	81.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	88.4 %	30-150							

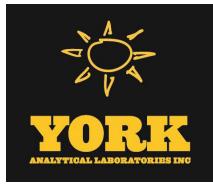
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/18/2024 12:20	06/18/2024 14:13	HLV



Sample Information

Client Sample ID: SB-13 11-12 20240613

York Sample ID: 24F0974-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0974

20240218

Soil

June 13, 2024 9:40 am

06/14/2024

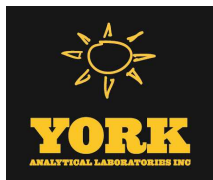
Volatile Organics, 8260 - Comprehensive

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	06/15/2024 09:00	06/15/2024 18:07	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT



Sample Information

Client Sample ID: SB-13 11-12 20240613

York Sample ID: 24F0974-04

York Project (SDG) No.
24F0974

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 13, 2024 9:40 am

Date Received
06/14/2024

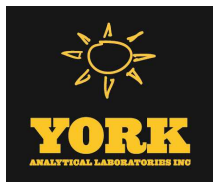
Volatile Organics, 8260 - Comprehensive

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	0.0061	J, ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT



Sample Information

Client Sample ID: SB-13 11-12 20240613

York Sample ID: 24F0974-04

York Project (SDG) No.
24F0974

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 13, 2024 9:40 am

Date Received
06/14/2024

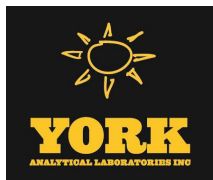
Volatile Organics, 8260 - Comprehensive

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	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/15/2024 09:00	06/15/2024 18:07	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
127-18-4	Tetrachloroethylene	ND	ICVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NJDEP-CT005	06/15/2024 09:00	06/15/2024 18:07	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/15/2024 09:00	06/15/2024 18:07	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.0 %	77-125								



Sample Information

Client Sample ID: SB-13 11-12 20240613

York Sample ID: 24F0974-04

York Project (SDG) No.
24F0974

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 13, 2024 9:40 am

Date Received
06/14/2024

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	103 %			76-130						

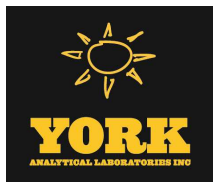
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	0.11		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	Anthracene	0.51		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	Benzo(a)anthracene	1.3		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	0.93		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	Benzo(b)fluoranthene	0.72		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	0.45		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	Benzo(k)fluoranthene	0.84		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	Chrysene	1.0		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	0.19		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	Fluoranthene	2.6		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	0.11		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	0.65	CCVE	mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	2.1		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	Pyrene	2.2		mg/kg dry	0.056	0.11	2	EPA 8270E	06/16/2024 08:05	06/17/2024 13:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.4 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.8 %		21-113							



Sample Information

Client Sample ID: SB-13 11-12 20240613

York Sample ID: 24F0974-04

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 9:40 am

Date Received

06/14/2024

Semi-Volatiles, CP-51 (formerly STARS) 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
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.5 %			24-116						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.		Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016		ND		mg/kg dry	0.0224	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 03:19	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	06/15/2024 07:12	06/17/2024 03:19	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	06/15/2024 07:12	06/17/2024 03:19	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	06/15/2024 07:12	06/17/2024 03:19	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	06/15/2024 07:12	06/17/2024 03:19	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	06/15/2024 07:12	06/17/2024 03:19	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	06/15/2024 07:12	06/17/2024 03:19	NF
1336-36-3	* Total PCBs		ND		mg/kg dry	0.0224	1	EPA 8082A Certifications:	06/15/2024 07:12	06/17/2024 03:19	NF
Surrogate Recoveries			Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	61.5 %	30-140								

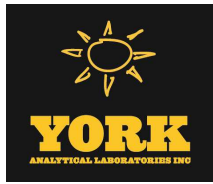
Metals, RCRA

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
7440-38-2	Arsenic	38.5	M-CCV 1	mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	AGNR
7440-39-3	Barium	550	M-CCV 1	mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	AGNR
7440-47-3	Chromium	54.6		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	AGNR
7439-92-1	Lead	412	M-CCV 1	mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	AGNR
7782-49-2	Selenium	7.41	M-CCV 1	mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	AGNR



Sample Information

Client Sample ID: SB-13 11-12 20240613

York Sample ID: 24F0974-04

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 9:40 am

Date Received

06/14/2024

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/20/2024 14:13	06/21/2024 13:15	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	0.348		mg/kg dry	0.0406	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044	06/19/2024 15:27	06/20/2024 21:41	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	73.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/18/2024 12:20	06/18/2024 14:13	HLV

Sample Information

Client Sample ID: SB-14 2-6 20240613

York Sample ID: 24F0974-05

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 11:00 am

Date Received

06/14/2024

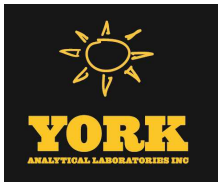
Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	06/15/2024 07:12	06/17/2024 13:57	NF



Sample Information

Client Sample ID: SB-14 2-6 20240613			York Sample ID: 24F0974-05		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0974	20240218	Soil	June 13, 2024 11:00 am	06/14/2024	

Pesticides, 8081 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	06/15/2024 07:12	06/17/2024 13:57	NF
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/15/2024 07:12	06/17/2024 13:57	NF
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	70.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.1 %	30-150							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	06/18/2024 12:20	06/18/2024 14:13	HLY

Sample Information

Client Sample ID: SB-14 4-8 20240613			York Sample ID: 24F0974-06		
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
24F0974	20240218	Soil	June 13, 2024 11:15 am	06/14/2024	

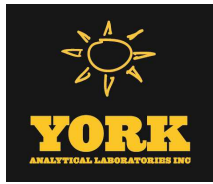
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0055	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 12:30	06/17/2024 22:35	ME



Sample Information

Client Sample ID: SB-14 4-8 20240613

York Sample ID: 24F0974-06

York Project (SDG) No.

24F0974

Client Project ID

20240218

Matrix

Soil

Collection Date/Time

June 13, 2024 11:15 am

Date Received

06/14/2024

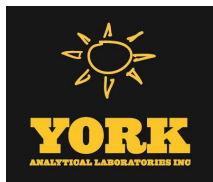
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME



Sample Information

Client Sample ID: SB-14 4-8 20240613

York Sample ID: 24F0974-06

York Project (SDG) No.
24F0974

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 13, 2024 11:15 am

Date Received
06/14/2024

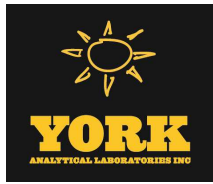
Volatile Organics, 8260 - Comprehensive

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		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/17/2024 22:35	ME
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/17/2024 22:35	ME



Sample Information

Client Sample ID: SB-14 4-8 20240613

York Sample ID: 24F0974-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0974

20240218

Soil

June 13, 2024 11:15 am

06/14/2024

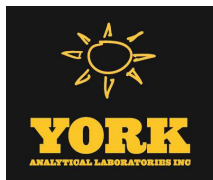
Volatile Organics, 8260 - Comprehensive

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	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D Certifications:	06/17/2024 12:30	06/17/2024 22:35	ME
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	117 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								



Sample Information

Client Sample ID: SB-14 4-8 20240613

York Sample ID: 24F0974-06

York Project (SDG) No.
24F0974

Client Project ID
20240218

Matrix
Soil

Collection Date/Time
June 13, 2024 11:15 am

Date Received
06/14/2024

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	104 %			76-130						

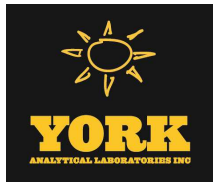
Semi-Volatiles, CP-51 (formerly STARS) List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
208-96-8	Acenaphthylene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
120-12-7	Anthracene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
50-32-8	Benzo(a)pyrene	0.064	J	mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
218-01-9	Chrysene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
206-44-0	Fluoranthene	0.097	J	mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
86-73-7	Fluorene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/16/2024 08:05	06/17/2024 13:46	LL
193-39-5	Indeno(1,2,3-cd)pyrene	0.052	J	mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
91-20-3	Naphthalene	ND		mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
85-01-8	Phenanthrene	0.084	J	mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
129-00-0	Pyrene	0.088	J	mg/kg dry	0.052	0.10	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/16/2024 08:05	06/17/2024 13:46	LL
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.8 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.8 %	24-116								



Sample Information

Client Sample ID: SB-14 4-8 20240613		York Sample ID: 24F0974-06			
York Project (SDG) No. 24F0974	Client Project ID 20240218	Matrix Soil	Collection Date/Time June 13, 2024 11:15 am	Date Received 06/14/2024	

Metals, RCRA

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
7440-38-2	Arsenic	12.4	M-CCV 1	mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:17	AGNR
7440-39-3	Barium	184	M-CCV 1	mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:17	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	06/20/2024 14:13	06/21/2024 13:17	AGNR
7440-47-3	Chromium	20.6		mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:17	AGNR
7439-92-1	Lead	350	M-CCV 1	mg/kg dry	0.530	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:17	AGNR
7782-49-2	Selenium	2.74	M-CCV 1	mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:17	AGNR
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	06/20/2024 14:13	06/21/2024 13:17	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	0.539		mg/kg dry	0.0381	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04	06/19/2024 15:27	06/20/2024 21:41	DRS

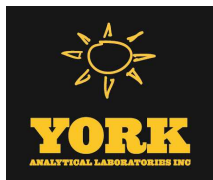
Total Solids

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	06/18/2024 12:20	06/18/2024 14:13	HLV



Analytical Batch Summary

Batch ID: BF41004 **Preparation Method:** EPA 3550C **Prepared By:** AJS

YORK Sample ID	Client Sample ID	Preparation Date
24F0974-01	SB-12 2-6 20240613	06/15/24
24F0974-03	SB-13 2-6 20240613	06/15/24
24F0974-04	SB-13 11-12 20240613	06/15/24
24F0974-05	SB-14 2-6 20240613	06/15/24
BF41004-BLK1	Blank	06/15/24
BF41004-BLK2	Blank	06/15/24
BF41004-BS1	LCS	06/15/24
BF41004-BS2	LCS	06/15/24
BF41004-MS1	Matrix Spike	06/15/24
BF41004-MS2	Matrix Spike	06/15/24
BF41004-MSD1	Matrix Spike Dup	06/15/24
BF41004-MSD2	Matrix Spike Dup	06/15/24

Batch ID: BF41014 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
24F0974-04	SB-13 11-12 20240613	06/15/24
BF41014-BLK1	Blank	06/15/24
BF41014-BS1	LCS	06/15/24
BF41014-BSD1	LCS Dup	06/15/24

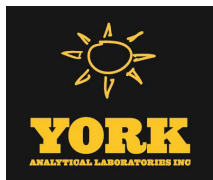
Batch ID: BF41019 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24F0974-02	SB-12 8-9 20240613	06/16/24
24F0974-04	SB-13 11-12 20240613	06/16/24
24F0974-06	SB-14 4-8 20240613	06/16/24
BF41019-BLK1	Blank	06/16/24
BF41019-BS1	LCS	06/16/24
BF41019-MS1	Matrix Spike	06/16/24
BF41019-MSD1	Matrix Spike Dup	06/16/24

Batch ID: BF41105 **Preparation Method:** EPA 5035A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24F0974-02	SB-12 8-9 20240613	06/17/24
24F0974-06	SB-14 4-8 20240613	06/17/24
BF41105-BLK1	Blank	06/17/24
BF41105-BS1	LCS	06/17/24
BF41105-BSD1	LCS Dup	06/17/24

Batch ID: BF41127 **Preparation Method:** % Solids Prep **Prepared By:** HLY



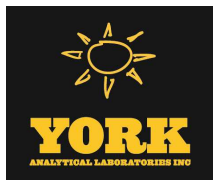
YORK Sample ID	Client Sample ID	Preparation Date
24F0974-01	SB-12 2-6 20240613	06/18/24
24F0974-02	SB-12 8-9 20240613	06/18/24
24F0974-03	SB-13 2-6 20240613	06/18/24
24F0974-04	SB-13 11-12 20240613	06/18/24
24F0974-05	SB-14 2-6 20240613	06/18/24
24F0974-06	SB-14 4-8 20240613	06/18/24
BF41127-DUP1	Duplicate	06/18/24

Batch ID: BF41288 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24F0974-02	SB-12 8-9 20240613	06/19/24
24F0974-04	SB-13 11-12 20240613	06/19/24
24F0974-06	SB-14 4-8 20240613	06/19/24
BF41288-BLK1	Blank	06/19/24
BF41288-DUP1	Duplicate	06/19/24
BF41288-MS1	Matrix Spike	06/19/24
BF41288-SRM1	Reference	06/19/24

Batch ID: BF41363 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24F0974-02	SB-12 8-9 20240613	06/20/24
24F0974-04	SB-13 11-12 20240613	06/20/24
24F0974-06	SB-14 4-8 20240613	06/20/24
BF41363-BLK1	Blank	06/20/24
BF41363-DUP1	Duplicate	06/20/24
BF41363-MS1	Matrix Spike	06/20/24
BF41363-PS1	Post Spike	06/20/24
BF41363-SRM1	Reference	06/20/24



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

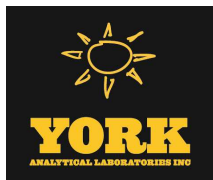
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41014 - EPA 5035A

Blank (BF41014-BLK1)

Prepared & Analyzed: 06/15/2024

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 BF41014 - EPA 5035A

Blank (BF41014-BLK1)

Prepared & Analyzed: 06/15/2024

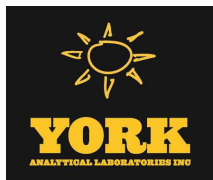
Methylene chloride	ND	0.010	mg/kg wet
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	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	48.6	ug/L	50.0	97.2	77-125
Surrogate: SURR: Toluene-d8	50.3	"	50.0	101	85-120
Surrogate: SURR: p-Bromofluorobenzene	52.0	"	50.0	104	76-130

LCS (BF41014-BS1)

Prepared & Analyzed: 06/15/2024

1,1,1,2-Tetrachloroethane	55	ug/L	50.0	109	75-129
1,1,1-Trichloroethane	58	"	50.0	116	71-137
1,1,2,2-Tetrachloroethane	54	"	50.0	108	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62	"	50.0	124	58-146
1,1,2-Trichloroethane	51	"	50.0	101	83-123
1,1-Dichloroethane	56	"	50.0	111	75-130
1,1-Dichloroethylene	63	"	50.0	127	64-137
1,2,3-Trichlorobenzene	55	"	50.0	110	81-140
1,2,3-Trichloropropane	52	"	50.0	105	81-126
1,2,4-Trichlorobenzene	58	"	50.0	115	80-141
1,2,4-Trimethylbenzene	62	"	50.0	124	84-125
1,2-Dibromo-3-chloropropane	48	"	50.0	95.0	74-142
1,2-Dibromoethane	50	"	50.0	100	86-123
1,2-Dichlorobenzene	56	"	50.0	113	85-122
1,2-Dichloroethane	54	"	50.0	108	71-133
1,2-Dichloropropane	54	"	50.0	109	81-122
1,3,5-Trimethylbenzene	62	"	50.0	125	82-126
1,3-Dichlorobenzene	59	"	50.0	118	84-124
1,4-Dichlorobenzene	57	"	50.0	114	84-124
1,4-Dioxane	1000	"	1050	95.3	10-228
2-Butanone	46	"	50.0	91.2	58-147
2-Hexanone	46	"	50.0	92.0	70-139
4-Methyl-2-pentanone	48	"	50.0	95.1	72-132
Acetone	36	"	50.0	72.9	36-155
Acrolein	38	"	50.0	75.1	10-238
Acrylonitrile	48	"	50.0	95.3	66-141



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

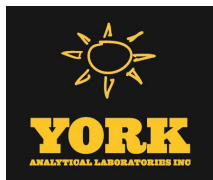
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41014 - EPA 5035A

LCS (BF41014-BS1)

Prepared & Analyzed: 06/15/2024

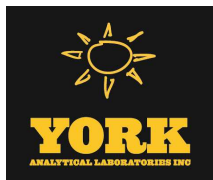
Benzene	58		ug/L	50.0		116	77-127				
Bromochloromethane	51		"	50.0		103	74-129				
Bromodichloromethane	53		"	50.0		107	81-124				
Bromoform	47		"	50.0		94.5	80-136				
Bromomethane	59		"	50.0		118	32-177				
Carbon disulfide	61		"	50.0		123	10-136				
Carbon tetrachloride	60		"	50.0		120	66-143				
Chlorobenzene	56		"	50.0		112	86-120				
Chloroethane	54		"	50.0		108	51-142				
Chloroform	55		"	50.0		111	76-131				
Chloromethane	53		"	50.0		106	49-132				
cis-1,2-Dichloroethylene	56		"	50.0		113	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129				
Cyclohexane	56		"	50.0		111	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	51		"	50.0		101	83-124				
Dichlorodifluoromethane	59		"	50.0		118	28-158				
Ethyl Benzene	60		"	50.0		121	84-125				
Hexachlorobutadiene	61		"	50.0		123	83-133				
Isopropylbenzene	62		"	50.0		124	81-127				
Methyl acetate	41		"	50.0		82.0	41-143				
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.6	74-131				
Methylcyclohexane	55		"	50.0		111	70-130				
Methylene chloride	51		"	50.0		102	57-141				
n-Butylbenzene	63		"	50.0		126	80-130				
n-Propylbenzene	61		"	50.0		123	74-136				
o-Xylene	58		"	50.0		115	83-123				
p- & m- Xylenes	120		"	100		120	82-128				
p-Isopropyltoluene	63		"	50.0		127	85-125	High Bias			
sec-Butylbenzene	61		"	50.0		123	83-125				
Styrene	56		"	50.0		112	86-126				
tert-Butyl alcohol (TBA)	210		"	250		82.7	70-130				
tert-Butylbenzene	60		"	50.0		121	80-127				
Tetrachloroethylene	41		"	50.0		82.0	80-129				
Toluene	60		"	50.0		119	85-121				
trans-1,2-Dichloroethylene	59		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		99.8	78-132				
trans-1,4-dichloro-2-butene	51		"	50.0		103	75-135				
Trichloroethylene	58		"	50.0		116	84-123				
Trichlorofluoromethane	59		"	50.0		119	62-140				
Vinyl Chloride	55		"	50.0		109	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	47.4		"	50.0		94.7	77-125				
Surrogate: SURR: Toluene-d8	50.1		"	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.0		"	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	Limit	Flag
Batch BF41014 - EPA 5035A											
LCS Dup (BF41014-BSD1)						Prepared & Analyzed: 06/15/2024					
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		0.348	30	
1,1,1-Trichloroethane	59		"	50.0		118	71-137		1.36	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		107	79-129		0.633	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	58-146		1.98	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		1.15	30	
1,1-Dichloroethane	56		"	50.0		112	75-130		0.608	30	
1,1-Dichloroethylene	64		"	50.0		127	64-137		0.441	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		2.93	30	
1,2,3-Trichloropropane	51		"	50.0		102	81-126		3.04	30	
1,2,4-Trichlorobenzene	56		"	50.0		112	80-141		2.62	30	
1,2,4-Trimethylbenzene	61		"	50.0		123	84-125		0.810	30	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.0	74-142		3.21	30	
1,2-Dibromoethane	50		"	50.0		99.2	86-123		1.18	30	
1,2-Dichlorobenzene	56		"	50.0		111	85-122		1.61	30	
1,2-Dichloroethane	54		"	50.0		108	71-133		0.482	30	
1,2-Dichloropropane	55		"	50.0		109	81-122		0.0918	30	
1,3,5-Trimethylbenzene	62		"	50.0		124	82-126		0.820	30	
1,3-Dichlorobenzene	58		"	50.0		116	84-124		1.25	30	
1,4-Dichlorobenzene	56		"	50.0		112	84-124		1.74	30	
1,4-Dioxane	970		"	1050		92.8	10-228		2.69	30	
2-Butanone	46		"	50.0		91.0	58-147		0.176	30	
2-Hexanone	45		"	50.0		90.0	70-139		2.11	30	
4-Methyl-2-pentanone	46		"	50.0		91.1	72-132		4.32	30	
Acetone	34		"	50.0		68.5	36-155		6.25	30	
Acrolein	37		"	50.0		74.9	10-238		0.293	30	
Acrylonitrile	48		"	50.0		95.1	66-141		0.168	30	
Benzene	59		"	50.0		118	77-127		1.39	30	
Bromochloromethane	51		"	50.0		103	74-129		0.00	30	
Bromodichloromethane	53		"	50.0		107	81-124		0.188	30	
Bromoform	47		"	50.0		93.7	80-136		0.914	30	
Bromomethane	61		"	50.0		122	32-177		3.29	30	
Carbon disulfide	62		"	50.0		124	10-136		0.795	30	
Carbon tetrachloride	60		"	50.0		121	66-143		0.565	30	
Chlorobenzene	56		"	50.0		112	86-120		0.0711	30	
Chloroethane	55		"	50.0		110	51-142		1.72	30	
Chloroform	56		"	50.0		111	76-131		0.469	30	
Chloromethane	54		"	50.0		108	49-132		1.92	30	
cis-1,2-Dichloroethylene	57		"	50.0		113	74-132		0.814	30	
cis-1,3-Dichloropropylene	51		"	50.0		101	81-129		0.435	30	
Cyclohexane	56		"	50.0		113	70-130		1.23	30	
Dibromochloromethane	50		"	50.0		101	10-200		0.989	30	
Dibromomethane	50		"	50.0		99.5	83-124		1.91	30	
Dichlorodifluoromethane	60		"	50.0		120	28-158		2.05	30	
Ethyl Benzene	60		"	50.0		121	84-125		0.0663	30	
Hexachlorobutadiene	61		"	50.0		122	83-133		0.900	30	
Isopropylbenzene	62		"	50.0		123	81-127		0.373	30	
Methyl acetate	41		"	50.0		81.0	41-143		1.23	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.5	74-131		0.0423	30	
Methylcyclohexane	56		"	50.0		111	70-130		0.378	30	
Methylene chloride	51		"	50.0		102	57-141		0.450	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 BF41014 - EPA 5035A

LCS Dup (BF41014-BSD1)

Prepared & Analyzed: 06/15/2024

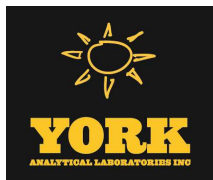
n-Butylbenzene	62		ug/L	50.0		124	80-130		1.32	30
n-Propylbenzene	61		"	50.0		121	74-136		0.951	30
o-Xylene	58		"	50.0		115	83-123		0.243	30
p- & m- Xylenes	120		"	100		120	82-128		0.0748	30
p-Isopropyltoluene	63		"	50.0		126	85-125	High Bias	0.491	30
sec-Butylbenzene	61		"	50.0		123	83-125		0.130	30
Styrene	56		"	50.0		112	86-126		0.00	30
tert-Butyl alcohol (TBA)	210		"	250		85.0	70-130		2.71	30
tert-Butylbenzene	60		"	50.0		120	80-127		0.431	30
Tetrachloroethylene	41		"	50.0		82.5	80-129		0.583	30
Toluene	60		"	50.0		119	85-121		0.0168	30
trans-1,2-Dichloroethylene	59		"	50.0		119	72-132		0.286	30
trans-1,3-Dichloropropylene	50		"	50.0		99.2	78-132		0.603	30
trans-1,4-dichloro-2-butene	50		"	50.0		100	75-135		2.49	30
Trichloroethylene	59		"	50.0		117	84-123		0.702	30
Trichlorofluoromethane	60		"	50.0		120	62-140		1.17	30
Vinyl Chloride	55		"	50.0		111	52-130		1.22	30
Surrogate: SURR: 1,2-Dichloroethane-d4	47.9		"	50.0		95.8	77-125			
Surrogate: SURR: Toluene-d8	50.1		"	50.0		100	85-120			
Surrogate: SURR: p-Bromofluorobenzene	50.7		"	50.0		101	76-130			

Batch BF41105 - EPA 5035A

Blank (BF41105-BLK1)

Prepared & Analyzed: 06/17/2024

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

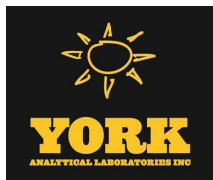
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41105 - EPA 5035A

Blank (BF41105-BLK1)

Prepared & Analyzed: 06/17/2024

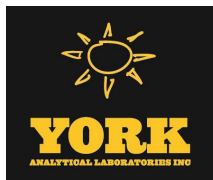
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	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	0.0057	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	57.5		ug/L	50.0		115	77-125				
Surrogate: SURR: Toluene-d8	51.7		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.4		"	50.0		107	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 BF41105 - EPA 5035A											
LCS (BF41105-BS1)						Prepared & Analyzed: 06/17/2024					
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	57		"	50.0		115	71-137				
1,1,2,2-Tetrachloroethane	56		"	50.0		113	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	79		"	50.0		158	58-146	High Bias			
1,1,2-Trichloroethane	52		"	50.0		103	83-123				
1,1-Dichloroethane	52		"	50.0		105	75-130				
1,1-Dichloroethylene	71		"	50.0		142	64-137	High Bias			
1,2,3-Trichlorobenzene	49		"	50.0		97.7	81-140				
1,2,3-Trichloropropane	54		"	50.0		109	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.2	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142				
1,2-Dibromoethane	55		"	50.0		109	86-123				
1,2-Dichlorobenzene	53		"	50.0		105	85-122				
1,2-Dichloroethane	64		"	50.0		128	71-133				
1,2-Dichloropropane	53		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		109	82-126				
1,3-Dichlorobenzene	53		"	50.0		107	84-124				
1,4-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dioxane	1100		"	1050		105	10-228				
2-Butanone	52		"	50.0		105	58-147				
2-Hexanone	58		"	50.0		117	70-139				
4-Methyl-2-pentanone	57		"	50.0		115	72-132				
Acetone	47		"	50.0		93.8	36-155				
Acrolein	52		"	50.0		105	10-238				
Acrylonitrile	52		"	50.0		104	66-141				
Benzene	54		"	50.0		108	77-127				
Bromochloromethane	55		"	50.0		111	74-129				
Bromodichloromethane	56		"	50.0		112	81-124				
Bromoform	45		"	50.0		90.6	80-136				
Bromomethane	74		"	50.0		149	32-177				
Carbon disulfide	53		"	50.0		107	10-136				
Carbon tetrachloride	56		"	50.0		111	66-143				
Chlorobenzene	52		"	50.0		105	86-120				
Chloroethane	71		"	50.0		142	51-142				
Chloroform	55		"	50.0		110	76-131				
Chloromethane	53		"	50.0		107	49-132				
cis-1,2-Dichloroethylene	54		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	50		"	50.0		99.3	70-130				
Dibromochloromethane	50		"	50.0		101	10-200				
Dibromomethane	55		"	50.0		110	83-124				
Dichlorodifluoromethane	50		"	50.0		100	28-158				
Ethyl Benzene	58		"	50.0		116	84-125				
Hexachlorobutadiene	48		"	50.0		95.3	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	47		"	50.0		94.9	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.9	74-131				
Methylcyclohexane	48		"	50.0		95.5	70-130				
Methylene chloride	61		"	50.0		121	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 BF41105 - EPA 5035A

LCS (BF41105-BS1)

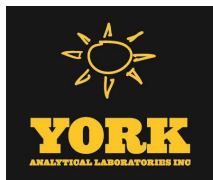
Prepared & Analyzed: 06/17/2024

n-Butylbenzene	57		ug/L	50.0		113	80-130				
n-Propylbenzene	55		"	50.0		110	74-136				
o-Xylene	56		"	50.0		112	83-123				
p- & m- Xylenes	120		"	100		122	82-128				
p-Isopropyltoluene	56		"	50.0		111	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	55		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	250		"	250		101	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	43		"	50.0		86.1	80-129				
Toluene	55		"	50.0		109	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132				
trans-1,4-dichloro-2-butene	58		"	50.0		115	75-135				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	78		"	50.0		156	62-140	High Bias			
Vinyl Chloride	65		"	50.0		131	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	59.9		"	50.0		120	77-125				
Surrogate: SURR: Toluene-d8	50.3		"	50.0		101	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.7		"	50.0		97.5	76-130				

LCS Dup (BF41105-BS1)

Prepared & Analyzed: 06/17/2024

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	75-129		0.0389	30	
1,1,1-Trichloroethane	58		"	50.0		115	71-137		0.730	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		110	79-129		2.68	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	84		"	50.0		168	58-146	High Bias	6.26	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		0.838	30	
1,1-Dichloroethane	52		"	50.0		105	75-130		0.0383	30	
1,1-Dichloroethylene	81		"	50.0		162	64-137	High Bias	13.5	30	
1,2,3-Trichlorobenzene	48		"	50.0		95.6	81-140		2.15	30	
1,2,3-Trichloropropane	54		"	50.0		108	81-126		0.609	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.7	80-141		2.53	30	
1,2,4-Trimethylbenzene	55		"	50.0		109	84-125		1.04	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142		0.846	30	
1,2-Dibromoethane	54		"	50.0		107	86-123		1.74	30	
1,2-Dichlorobenzene	51		"	50.0		103	85-122		2.50	30	
1,2-Dichloroethane	63		"	50.0		127	71-133		0.803	30	
1,2-Dichloropropane	52		"	50.0		105	81-122		1.10	30	
1,3,5-Trimethylbenzene	54		"	50.0		109	82-126		0.551	30	
1,3-Dichlorobenzene	53		"	50.0		105	84-124		1.36	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		1.28	30	
1,4-Dioxane	1100		"	1050		101	10-228		3.26	30	
2-Butanone	53		"	50.0		106	58-147		0.816	30	
2-Hexanone	55		"	50.0		111	70-139		5.06	30	
4-Methyl-2-pentanone	56		"	50.0		112	72-132		1.99	30	
Acetone	57		"	50.0		114	36-155		19.3	30	
Acrolein	59		"	50.0		118	10-238		12.0	30	
Acrylonitrile	51		"	50.0		103	66-141		1.03	30	
Benzene	54		"	50.0		108	77-127		0.130	30	
Bromochloromethane	55		"	50.0		109	74-129		1.55	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

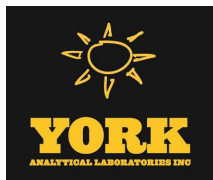
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41105 - EPA 5035A

LCS Dup (BF41105-BSD1)

Prepared & Analyzed: 06/17/2024

Bromodichloromethane	55		ug/L	50.0		111	81-124		1.28	30	
Bromoform	44		"	50.0		87.9	80-136		3.05	30	
Bromomethane	76		"	50.0		152	32-177		1.81	30	
Carbon disulfide	71		"	50.0		143	10-136	High Bias	28.6	30	
Carbon tetrachloride	56		"	50.0		112	66-143		0.859	30	
Chlorobenzene	52		"	50.0		104	86-120		0.421	30	
Chloroethane	71		"	50.0		141	51-142		0.170	30	
Chloroform	55		"	50.0		110	76-131		0.327	30	
Chloromethane	52		"	50.0		105	49-132		1.72	30	
cis-1,2-Dichloroethylene	54		"	50.0		109	74-132		0.165	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		1.13	30	
Cyclohexane	50		"	50.0		99.6	70-130		0.241	30	
Dibromochloromethane	50		"	50.0		99.9	10-200		1.08	30	
Dibromomethane	55		"	50.0		110	83-124		0.709	30	
Dichlorodifluoromethane	50		"	50.0		99.6	28-158		0.879	30	
Ethyl Benzene	58		"	50.0		115	84-125		0.880	30	
Hexachlorobutadiene	48		"	50.0		95.3	83-133		0.0210	30	
Isopropylbenzene	53		"	50.0		105	81-127		0.812	30	
Methyl acetate	46		"	50.0		92.3	41-143		2.80	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.9	74-131		0.986	30	
Methylcyclohexane	48		"	50.0		95.5	70-130		0.0209	30	
Methylene chloride	60		"	50.0		120	57-141		1.05	30	
n-Butylbenzene	56		"	50.0		112	80-130		0.959	30	
n-Propylbenzene	54		"	50.0		108	74-136		1.01	30	
o-Xylene	55		"	50.0		111	83-123		0.916	30	
p- & m- Xylenes	120		"	100		122	82-128		0.516	30	
p-Isopropyltoluene	55		"	50.0		111	85-125		0.522	30	
sec-Butylbenzene	53		"	50.0		106	83-125		0.0568	30	
Styrene	54		"	50.0		109	86-126		1.41	30	
tert-Butyl alcohol (TBA)	240		"	250		94.9	70-130		6.31	30	
tert-Butylbenzene	51		"	50.0		102	80-127		0.216	30	
Tetrachloroethylene	43		"	50.0		85.7	80-129		0.442	30	
Toluene	54		"	50.0		109	85-121		0.606	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		0.742	30	
trans-1,3-Dichloropropylene	52		"	50.0		103	78-132		1.12	30	
trans-1,4-dichloro-2-butene	55		"	50.0		109	75-135		5.28	30	
Trichloroethylene	53		"	50.0		106	84-123		0.0189	30	
Trichlorofluoromethane	78		"	50.0		156	62-140	High Bias	0.129	30	
Vinyl Chloride	66		"	50.0		132	52-130	High Bias	1.08	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	59.8		"	50.0		120	77-125				
Surrogate: SURR: Toluene-d8	50.1		"	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.2		"	50.0		96.4	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 BF41019 - EPA 3550C

Blank (BF41019-BLK1)

Prepared: 06/16/2024 Analyzed: 06/17/2024

Acenaphthene	ND	0.042	mg/kg wet
Acenaphthylene	ND	0.042	"
Anthracene	ND	0.042	"
Benzo(a)anthracene	ND	0.042	"
Benzo(a)pyrene	ND	0.042	"
Benzo(b)fluoranthene	ND	0.042	"
Benzo(g,h,i)perylene	ND	0.042	"
Benzo(k)fluoranthene	ND	0.042	"
Chrysene	ND	0.042	"
Dibenzo(a,h)anthracene	ND	0.042	"
Fluoranthene	ND	0.042	"
Fluorene	ND	0.042	"
Indeno(1,2,3-cd)pyrene	ND	0.042	"
Naphthalene	ND	0.042	"
Phenanthrene	ND	0.042	"
Pyrene	ND	0.042	"

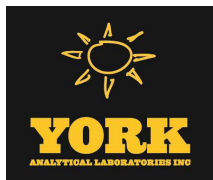
Surrogate: SURR: Nitrobenzene-d5	0.69	"	0.831	83.3	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.69	"	0.831	83.1	21-113
Surrogate: SURR: Terphenyl-d14	0.78	"	0.831	93.4	24-116

LCS (BF41019-BS1)

Prepared: 06/16/2024 Analyzed: 06/17/2024

Acenaphthene	0.46	0.042	mg/kg wet	0.831	55.0	17-124
Acenaphthylene	0.39	0.042	"	0.831	47.2	16-124
Anthracene	0.45	0.042	"	0.831	54.5	24-124
Benzo(a)anthracene	0.49	0.042	"	0.831	59.6	25-134
Benzo(a)pyrene	0.47	0.042	"	0.831	56.2	29-144
Benzo(b)fluoranthene	0.48	0.042	"	0.831	57.6	20-151
Benzo(g,h,i)perylene	0.48	0.042	"	0.831	58.1	10-153
Benzo(k)fluoranthene	0.48	0.042	"	0.831	57.4	10-148
Chrysene	0.48	0.042	"	0.831	57.3	24-116
Dibenzo(a,h)anthracene	0.51	0.042	"	0.831	61.5	17-147
Fluoranthene	0.45	0.042	"	0.831	54.5	36-125
Fluorene	0.45	0.042	"	0.831	54.5	16-130
Indeno(1,2,3-cd)pyrene	0.55	0.042	"	0.831	65.8	10-155
Naphthalene	0.36	0.042	"	0.831	43.4	20-121
Phenanthrene	0.46	0.042	"	0.831	55.2	24-123
Pyrene	0.48	0.042	"	0.831	57.2	24-132

Surrogate: SURR: Nitrobenzene-d5	0.52	"	0.831	62.4	22-108
Surrogate: SURR: 2-Fluorobiphenyl	0.55	"	0.831	65.7	21-113
Surrogate: SURR: Terphenyl-d14	0.64	"	0.831	77.1	24-116



Semivolatile Organic Compounds by GC/MS - Quality Control Data

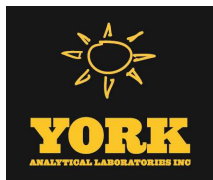
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41019 - EPA 3550C

Matrix Spike (BF41019-MS1)		*Source sample: 24F0975-02 (Matrix Spike)						Prepared: 06/16/2024 Analyzed: 06/17/2024			
Acenaphthene	0.59	0.091	mg/kg dry	0.905	0.049	59.4	13-133				
Acenaphthylene	0.54	0.091	"	0.905	0.11	46.9	25-125				
Anthracene	0.73	0.091	"	0.905	0.21	57.6	27-128				
Benzo(a)anthracene	1.3	0.091	"	0.905	0.58	75.6	20-147				
Benzo(a)pyrene	1.3	0.091	"	0.905	0.60	75.4	18-153				
Benzo(b)fluoranthene	1.4	0.091	"	0.905	0.50	101	10-163				
Benzo(g,h,i)perylene	1.0	0.091	"	0.905	0.41	66.5	10-157				
Benzo(k)fluoranthene	0.92	0.091	"	0.905	0.47	48.7	10-157				
Chrysene	1.2	0.091	"	0.905	0.55	69.5	18-133				
Dibenzo(a,h)anthracene	0.67	0.091	"	0.905	0.13	59.5	10-146				
Fluoranthene	1.9	0.091	"	0.905	1.1	82.0	10-155				
Fluorene	0.57	0.091	"	0.905	0.093	53.1	12-150				
Indeno(1,2,3-cd)pyrene	1.1	0.091	"	0.905	0.46	71.9	10-155				
Naphthalene	0.52	0.091	"	0.905	0.054	51.8	15-132				
Phenanthrene	1.4	0.091	"	0.905	0.75	76.8	10-151				
Pyrene	1.8	0.091	"	0.905	1.0	80.5	13-148				
Surrogate: SURR: Nitrobenzene-d5	0.66		"	0.905		72.9	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.62		"	0.905		68.3	21-113				
Surrogate: SURR: Terphenyl-d14	0.63		"	0.905		69.9	24-116				

Matrix Spike Dup (BF41019-MSD1)		*Source sample: 24F0975-02 (Matrix Spike Dup)						Prepared: 06/16/2024 Analyzed: 06/17/2024			
Acenaphthene	0.67	0.091	mg/kg dry	0.905	0.049	69.1	13-133		14.0	30	
Acenaphthylene	0.62	0.091	"	0.905	0.11	55.8	25-125		14.1	30	
Anthracene	1.1	0.091	"	0.905	0.21	94.4	27-128		37.2	30	Non-dir.
Benzo(a)anthracene	1.9	0.091	"	0.905	0.58	145	20-147		39.7	30	Non-dir.
Benzo(a)pyrene	2.0	0.091	"	0.905	0.60	150	18-153		41.8	30	Non-dir.
Benzo(b)fluoranthene	2.2	0.091	"	0.905	0.50	192	10-163	High Bias	45.0	30	Non-dir.
Benzo(g,h,i)perylene	1.4	0.091	"	0.905	0.41	108	10-157		31.6	30	Non-dir.
Benzo(k)fluoranthene	1.2	0.091	"	0.905	0.47	82.8	10-157		28.9	30	
Chrysene	1.9	0.091	"	0.905	0.55	146	18-133	High Bias	45.3	30	Non-dir.
Dibenzo(a,h)anthracene	0.81	0.091	"	0.905	0.13	75.4	10-146		19.5	30	
Fluoranthene	3.3	0.091	"	0.905	1.1	236	10-155	High Bias	54.1	30	Non-dir.
Fluorene	0.72	0.091	"	0.905	0.093	69.3	12-150		22.6	30	
Indeno(1,2,3-cd)pyrene	1.6	0.091	"	0.905	0.46	122	10-155		34.0	30	Non-dir.
Naphthalene	0.56	0.091	"	0.905	0.054	56.5	15-132		7.86	30	
Phenanthrene	2.6	0.091	"	0.905	0.75	205	10-151	High Bias	57.4	30	Non-dir.
Pyrene	2.9	0.091	"	0.905	1.0	212	13-148	High Bias	50.8	30	Non-dir.
Surrogate: SURR: Nitrobenzene-d5	0.72		"	0.905		79.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.66		"	0.905		73.1	21-113				
Surrogate: SURR: Terphenyl-d14	0.68		"	0.905		75.7	24-116				



Organochlorine Pesticides 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 BF41004 - EPA 3550C

Blank (BF41004-BLK1)

Prepared: 06/15/2024 Analyzed: 06/16/2024

4,4'-DDD	ND	0.00165	mg/kg wet
4,4'-DDE	ND	0.00165	"
4,4'-DDT	ND	0.00165	"
Aldrin	ND	0.00165	"
alpha-BHC	ND	0.00165	"
alpha-Chlordane	ND	0.00165	"
beta-BHC	ND	0.00165	"
delta-BHC	ND	0.00165	"
Dieldrin	ND	0.00165	"
Endosulfan I	ND	0.00165	"
Endosulfan II	ND	0.00165	"
Endosulfan sulfate	ND	0.00165	"
Endrin	ND	0.00165	"
gamma-BHC (Lindane)	ND	0.00165	"
Heptachlor	ND	0.00165	"

Surrogate: Decachlorobiphenyl

0.0354

"

0.0667

53.0

30-150

Surrogate: Tetrachloro-m-xylene

0.0392

"

0.0667

58.8

30-150

LCS (BF41004-BS1)

Prepared: 06/15/2024 Analyzed: 06/17/2024

4,4'-DDD	0.0182	0.00165	mg/kg wet	0.0333	54.7	40-140
4,4'-DDE	0.0173	0.00165	"	0.0333	52.0	40-140
4,4'-DDT	0.0199	0.00165	"	0.0333	59.6	40-140
Aldrin	0.0159	0.00165	"	0.0333	47.7	40-140
alpha-BHC	0.0163	0.00165	"	0.0333	49.0	40-140
alpha-Chlordane	0.0165	0.00165	"	0.0333	49.6	40-140
beta-BHC	0.0200	0.00165	"	0.0333	60.0	40-140
delta-BHC	0.0159	0.00165	"	0.0333	47.8	40-140
Dieldrin	0.0167	0.00165	"	0.0333	50.1	40-140
Endosulfan I	0.0168	0.00165	"	0.0333	50.5	40-140
Endosulfan II	0.0183	0.00165	"	0.0333	54.9	40-140
Endosulfan sulfate	0.0182	0.00165	"	0.0333	54.7	40-140
Endrin	0.0181	0.00165	"	0.0333	54.3	40-140
gamma-BHC (Lindane)	0.0167	0.00165	"	0.0333	50.2	40-140
Heptachlor	0.0171	0.00165	"	0.0333	51.3	40-140

Surrogate: Decachlorobiphenyl

0.0369

"

0.0667

55.3

30-150

Surrogate: Tetrachloro-m-xylene

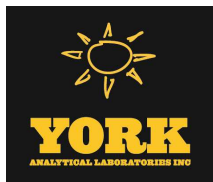
0.0375

"

0.0667

56.3

30-150



Organochlorine Pesticides by GC/ECD - Quality Control Data

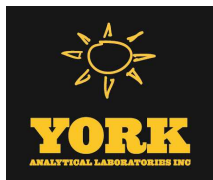
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41004 - EPA 3550C

Matrix Spike (BF41004-MS1)		*Source sample: 24F0975-02 (Matrix Spike)						Prepared: 06/15/2024 Analyzed: 06/17/2024			
4,4'-DDD	0.0347	0.00184	mg/kg dry	0.0372	ND	93.4	30-150				
4,4'-DDE	0.0335	0.00184	"	0.0372	ND	90.0	30-150				
4,4'-DDT	0.0406	0.00184	"	0.0372	0.00290	101	30-150				
Aldrin	0.0304	0.00184	"	0.0372	ND	81.8	30-150				
alpha-BHC	0.0333	0.00184	"	0.0372	ND	89.5	30-150				
alpha-Chlordane	0.0321	0.00184	"	0.0372	ND	86.5	30-150				
beta-BHC	0.0376	0.00184	"	0.0372	ND	101	30-150				
delta-BHC	0.0321	0.00184	"	0.0372	ND	86.3	30-150				
Dieldrin	0.0324	0.00184	"	0.0372	ND	87.2	30-150				
Endosulfan I	0.0321	0.00184	"	0.0372	ND	86.5	30-150				
Endosulfan II	0.0345	0.00184	"	0.0372	ND	92.7	30-150				
Endosulfan sulfate	0.0334	0.00184	"	0.0372	ND	89.7	30-150				
Endrin	0.0350	0.00184	"	0.0372	ND	94.1	30-150				
gamma-BHC (Lindane)	0.0339	0.00184	"	0.0372	ND	91.2	30-150				
Heptachlor	0.0337	0.00184	"	0.0372	ND	90.7	30-150				
Surrogate: Decachlorobiphenyl		0.0612	"	0.0743		82.4	30-150				
Surrogate: Tetrachloro-m-xylene		0.0697	"	0.0743		93.8	30-150				

Matrix Spike Dup (BF41004-MSD1)		*Source sample: 24F0975-02 (Matrix Spike Dup)						Prepared: 06/15/2024 Analyzed: 06/17/2024			
4,4'-DDD	0.0362	0.00184	mg/kg dry	0.0372	ND	97.4	30-150	4.19	30		
4,4'-DDE	0.0345	0.00184	"	0.0372	ND	92.9	30-150	3.21	30		
4,4'-DDT	0.0419	0.00184	"	0.0372	0.00290	105	30-150	3.21	30		
Aldrin	0.0315	0.00184	"	0.0372	ND	84.8	30-150	3.57	30		
alpha-BHC	0.0347	0.00184	"	0.0372	ND	93.3	30-150	4.10	30		
alpha-Chlordane	0.0333	0.00184	"	0.0372	ND	89.7	30-150	3.65	30		
beta-BHC	0.0391	0.00184	"	0.0372	ND	105	30-150	3.92	30		
delta-BHC	0.0336	0.00184	"	0.0372	ND	90.4	30-150	4.64	30		
Dieldrin	0.0338	0.00184	"	0.0372	ND	90.8	30-150	4.00	30		
Endosulfan I	0.0334	0.00184	"	0.0372	ND	90.0	30-150	3.95	30		
Endosulfan II	0.0359	0.00184	"	0.0372	ND	96.6	30-150	4.12	30		
Endosulfan sulfate	0.0354	0.00184	"	0.0372	ND	95.2	30-150	5.87	30		
Endrin	0.0366	0.00184	"	0.0372	ND	98.4	30-150	4.49	30		
gamma-BHC (Lindane)	0.0353	0.00184	"	0.0372	ND	94.9	30-150	4.03	30		
Heptachlor	0.0351	0.00184	"	0.0372	ND	94.4	30-150	4.01	30		
Surrogate: Decachlorobiphenyl		0.0600	"	0.0743		80.7	30-150				
Surrogate: Tetrachloro-m-xylene		0.0685	"	0.0743		92.1	30-150				



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 BF41004 - EPA 3550C

Blank (BF41004-BLK2)

Prepared: 06/15/2024 Analyzed: 06/17/2024

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	0.0397		"	0.0667		59.5	30-140				
Surrogate: Decachlorobiphenyl	0.0290		"	0.0667		43.5	30-140				

LCS (BF41004-BS2)

Prepared: 06/15/2024 Analyzed: 06/17/2024

Aroclor 1016	0.216	0.0167	mg/kg wet	0.333		64.7	40-130				
Aroclor 1260	0.223	0.0167	"	0.333		66.8	40-130				
Surrogate: Tetrachloro-m-xylene	0.0397		"	0.0667		59.5	30-140				
Surrogate: Decachlorobiphenyl	0.0303		"	0.0667		45.5	30-140				

Matrix Spike (BF41004-MS2)

*Source sample: 24F0975-02 (Matrix Spike)

Prepared: 06/15/2024 Analyzed: 06/17/2024

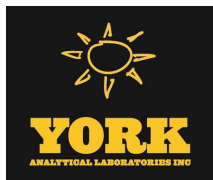
Aroclor 1016	0.180	0.0186	mg/kg dry	0.372	ND	48.5	40-140				
Aroclor 1260	0.235	0.0186	"	0.372	ND	63.2	40-140				
Surrogate: Tetrachloro-m-xylene	0.0450		"	0.0743		60.5	30-140				
Surrogate: Decachlorobiphenyl	0.0394		"	0.0743		53.0	30-140				

Matrix Spike Dup (BF41004-MSD2)

*Source sample: 24F0975-02 (Matrix Spike Dup)

Prepared: 06/15/2024 Analyzed: 06/17/2024

Aroclor 1016	0.211	0.0186	mg/kg dry	0.372	ND	56.8	40-140		15.7	50	
Aroclor 1260	0.269	0.0186	"	0.372	ND	72.4	40-140		13.5	50	
Surrogate: Tetrachloro-m-xylene	0.0524		"	0.0743		70.5	30-140				
Surrogate: Decachlorobiphenyl	0.0394		"	0.0743		53.0	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 BF41363 - EPA 3050B

Blank (BF41363-BLK1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

Arsenic	ND	1.25	mg/kg wet
Barium	ND	2.08	"
Cadmium	ND	0.250	"
Chromium	ND	0.417	"
Lead	ND	0.417	"
Selenium	ND	2.08	"
Silver	ND	0.420	"

Duplicate (BF41363-DUP1)

*Source sample: 24F1276-01 (Duplicate)

Prepared: 06/20/2024 Analyzed: 06/21/2024

Arsenic	19.3	1.58	mg/kg dry	20.2	4.61	35	Non-dir.
Barium	226	2.63	"	194	15.3	35	
Cadmium	0.959	0.317	"	0.623	42.5	35	
Chromium	33.7	0.528	"	36.7	8.43	35	
Lead	590	0.528	"	518	13.0	35	
Selenium	3.80	2.64	"	3.66	3.91	35	
Silver	ND	0.532	"	ND		35	

Matrix Spike (BF41363-MS1)

*Source sample: 24F1276-01 (Matrix Spike)

Prepared: 06/20/2024 Analyzed: 06/21/2024

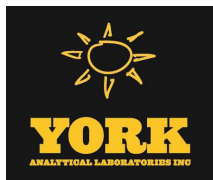
Arsenic	255	1.58	mg/kg dry	211	20.2	111	75-125	High Bias
Barium	396	2.63	"	211	194	96.0	75-125	
Cadmium	6.49	0.317	"	5.28	0.623	111	75-125	
Chromium	59.2	0.528	"	21.1	36.7	107	75-125	
Lead	984	0.528	"	52.8	518	883	75-125	
Selenium	238	2.64	"	211	3.66	111	75-125	Low Bias
Silver	2.53	0.532	"	5.28	ND	48.0	75-125	

Post Spike (BF41363-PS1)

*Source sample: 24F1276-01 (Post Spike)

Prepared: 06/20/2024 Analyzed: 06/21/2024

Arsenic	2.35	mg/L	2.00	0.191	108	75-125	Low Bias
Barium	3.89	"	2.00	1.83	103	75-125	
Cadmium	0.056	"	0.0500	0.006	101	75-125	
Chromium	0.537	"	0.200	0.348	94.6	75-125	
Lead	5.20	"	0.500	4.90	58.7	75-125	
Selenium	2.21	"	2.00	0.035	109	75-125	Low Bias
Silver	0.025	"	0.0500	-0.033	51.0	75-125	



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

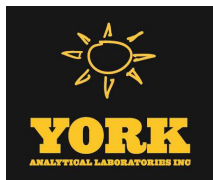
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF41363 - EPA 3050B

Reference (BF41363-SRM1)

Prepared: 06/20/2024 Analyzed: 06/21/2024

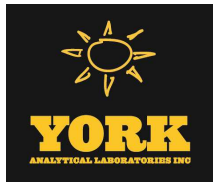
Arsenic	294	1.25	mg/kg wet	360		81.7	70.6-102.2				
Barium	298	2.08	"	332		89.9	75-108.1				
Cadmium	197	0.250	"	238		82.7	73.5-105				
Chromium	170	0.417	"	199		85.5	73.4-107				
Lead	87.4	0.417	"	100		87.4	75.9-110				
Selenium	155	2.08	"	170		91.4	78.2-115.9				
Silver	74.0	0.420	"	88.6		83.5	73.9-112				



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 BF41288 - EPA 7473 soil											
Blank (BF41288-BLK1)											
						Prepared: 06/19/2024 Analyzed: 06/20/2024					
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF41288-DUP1)											
*Source sample: 24F0974-02 (SB-12 8-9 20240613)						Prepared: 06/19/2024 Analyzed: 06/20/2024					
Mercury	0.391	0.0380	mg/kg dry		0.444				12.8	35	
Matrix Spike (BF41288-MS1)											
*Source sample: 24F0974-02 (SB-12 8-9 20240613)						Prepared: 06/19/2024 Analyzed: 06/20/2024					
Mercury	1.17		mg/kg	0.500	0.351	165	75-125	High Bias			
Reference (BF41288-SRM1)											
						Prepared: 06/19/2024 Analyzed: 06/20/2024					
Mercury	20.699		mg/kg	18.2		114	59.9-140.1				



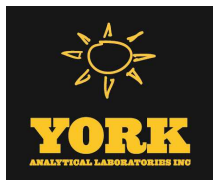
Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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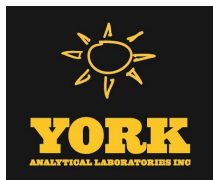
Batch BF41127 - % Solids Prep

Duplicate (BF41127-DUP1)	*Source sample: 24F0975-02 (Duplicate)						Prepared & Analyzed: 06/18/2024				
% Solids	90.0	0.100	%		89.7			0.305	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0974-02	SB-12 8-9 20240613	40mL Vial with Stir Bar-Cool 4° C
24F0974-04	SB-13 11-12 20240613	40mL Vial with Stir Bar-Cool 4° C
24F0974-06	SB-14 4-8 20240613	40mL Vial with Stir Bar-Cool 4° C

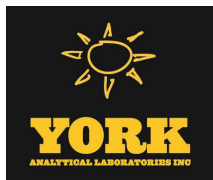


Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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).
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 client@yorklab.com 800-306-YORK

Report To: Company: PVE ENGINEERING Address: 40 SPRINGSIDE AVE POUGHKEEPS, NY 12603 Phone: 845-454-2544 Contact: A. SPADAVECCHIA E-mail: ASPADAVECCHIA@PVE-LLC.COM		Invoice To: Company: SAME Address: SAME Phone: SAME Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM		YOUR Project Name / Number 20240218		Samples Collected From NY NJ CT PA X Analyses Requested 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: TCL Vols via 8260 CP-51 SVCS via 8270 RCRA METALS via 6010/473 PART 375 1ST TEST 8081 PCBS via 8082		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 NJ CT RCP GIC EDD Type (circle) EQUIS (standard) NYSDEC EQUIS NJDEP SRP Haz Site Standard Excel CMDP Other: Regulatory Comparative Compared to the following Regulation(s): (please fill in)		YORK Project Number 24F0974 Page 1 of 1			
Comments: Samples identified at time of lab pickup? circle Yes or No 1. Samples Received by / Company 2. Samples Relinquished by / Company 3. Samples Relinquished by / Company 4. Samples Received by / Company		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 Complete: 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		Date/Time 6-14-24 9:20 6-14-24 1410 6-14-24 1410		Date/Time 6-14-24 1410 6-14-24 1410 6-14-24 1410		Date/Time 6-14-24 1410 6-14-24 1410 6-14-24 1410		Date/Time 6-14-24 1410 6-14-24 1410 6-14-24 1410		Temperature 43 Degrees C	