NYSDEC BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION WORK PLAN

1 NORTH DEPOT
NYSDEC SITE #C704064
1 NORTH DEPOT STREET
CITY OF BINGHAMTON, BROOME COUNTY, NEW YORK

PREPARED FOR:

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1.0 INTRODUCTION

The 1 North Depot Street Brownfield Cleanup Program site (the "BCP Site") encompasses one (1) tax parcels totaling 0.64 acres located at 1 North Depot (Tax Parcel ID #160.25-2-20.2) in the City of Binghamton, Broome County, New York. The BCP Site is currently a vacant structure, and an asphalt parking lot zoned as "Service Commercial" (Figures 1 & 2).

The applicant will renovate the 5-story former industrial and commercial structure into a residential use structure with parking. All fifty (50) proposed residential units will be 100% affordable housing.

The property was accepted into the NYSDEC BCP (Site #C704064) and a Brownfield Cleanup Agreement (BCA) was fully executed on July 9, 2025.

The purpose of this Remedial Investigation Work Plan (RIWP) is to further characterize and delineate contaminates originating from the past uses of the BCP Site. An evaluation of Remedial Alternatives will be based upon data generated during earlier investigation data submitted to the NYSDEC in the BCP application and the Remedial Investigation (RI).

2.0 SITE HISTORY AND DESCRIPTION

2.1 Site Description and Surrounding Land Use

The BCP Site is located at 1 North Depot Street, City of Binghamton, Broome County, New York. The site is situated approximately 0.18 miles east of the Chenango River. The proposed BCP Site is bordered to the north by 95 Prospect Avenue (commercial) and 108 Prospect Avenue (residential), to the east by 10 Eldrege Street (parking lot) and 21 North Depot Street (commercial), to the south by railroad tracks and a storage yard, and to the west by 89 Prospect Avenue (commercial).

The Site is currently zoned by the City of Binghamton as “Service Commercial”. The proposed project area is adjacent to commercial and residential properties. The Site is improved with one (1) 51,000 sq. ft. five-story structure and paved parking lot. The Site is currently vacant with parking being used by adjoining businesses. The on-site structure is in very poor condition; portions of the roof and underlying floors have collapsed to basement elevation. There is local support for the cleanup of the property and the redevelopment proposed by the Volunteer.

2.2 Topography, Geology, and Hydrogeology

According to the Mineral Resources Online Spatial Data: Geologic maps (usgs.gov), bedrock underlying the Subject Property consists of Rye Point Shale; Rock Stream Siltstone; Pulteney, Sawmill Creek, Johns Creek, and Montour Shales.

Soil borings completed by Partridge Venture Engineering, PC, dba PVE Engineering (PVE) as part of a Phase II Environmental Site Assessment (ESA) (See Appendices F) did not encounter groundwater at time of drilling (ATD). Shallow refusal on rock (presumed cobbles/river rock) was encountered in three (3) soil borings at depths ranging from 13.6-13.8-feet below ground surface (bgs). Direction of groundwater flow is presumed to be to the west southwest towards Chenango River.

2.3 Site History

As early as 1887, the property operated as wholesale groceries, a cigar factory, Casper and Honah Tin Works, a machine shop and the Bengal Blueing Factory. In 1898, only the wholesale groceries and cigar factory were in operation. In 1918, the property operated as wholesale groceries, coffee roasters wholesale hardware, and Reynolds and Hawley ornamental iron works. In 1950-1952, the property operated as wholesale groceries, prints wholesale hardware and motor freight terminals with a gasoline tank. In 1970, the property operated as LJ Kingsley Wholesale Hardware (including paints), with a buried gasoline tank, wholesale meats; (it should be noted “Phelps Ave” bisected the property east to west to the former Post Office Terminal east of the property through all Sanborn Maps except 1887). Currently a 5-story abandoned/vacant former commercial structure in very poor condition.

Possible sources of contamination are from chemicals used in operations from the cigar factory, tin works, the machine shop, blueing factory, iron works, buried gasoline storage tank and fill from the Avenue that formerly bisected the property.

2.4 Previous Investigations

Relevant reports are summarized below in chronological order. These reports are attached in Appendix E-G.

2.4.1 Phase I Environmental Site Assessment, *Keystone Associates, October 5, 2015*

Keystone Associates completed a Phase I ESA of the Site summarized in their report dated October 5, 2015 which identified no Recognized Environmental Conditions (RECs). PVEDI did not agree with these findings, or lack thereof, and recommended additional investigation into potential impacts to the subsurface quality resulting from past uses described in Section 2.3, above.

2.4.2 Phase II Environmental Site Assessment*, PVE Engineering, July 12, 2024*

PVE performed a Phase II ESA of the Site summarized in their report dated July 12, 2024. The Phase II ESA was completed in accordance with our approved scope of work, dated May 21, 2024.

Scope

On June 4, 2024, a total of ten (10) soil borings 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 bgs. Groundwater was not encountered ATD. One (1) soil sample was collected from each of the soil borings for a total of ten (10) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for analysis of some or all of the following:

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260;
- Commissioner Policy-51 (CP-51) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- Resource Conservation and Recovery Act (RCRA) Metals via USEPA Methods 6010/7473; &
- Polychlorinated Biphenyls (PCBs) via USEPA Method 8082.

On June 4, 2024, a total of four (4) soil vapor samples were collected from exterior locations surrounding the on-site structure. On June 5, 2024, a total of two (2) sub-slab soil vapor samples were collected in the basement of the on-site structure. Exterior vapor probes were installed via a track-mounted Geoprobe™ unit to a depth of 5-feet bgs. Exterior 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. PVE installed interior temporary vapor probes using a hammer drill with 5/8-inch drill bit. Interior probes were sealed with non-VOC emitting clay. All 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 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.

Effective December 31, 2025, Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375 has been updated, including new soil cleanup objectives (Fs). The analytical results below have been updated to compare investigative results to the new SCOs.

Analytical Results

Soil Quality: One (1) VOC was detected in one (1) of the seven (7) soil samples collected and analyzed. No VOCs were detected at concentrations exceeding UUSCOs or RRSCOs as defined in 6NYCRR Part 375.

SVOCs were detected in all seven (7) soil samples collected and analyzed. SVOCs were detected in two (2) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-2 (0.5-2-feet)
  - **Benzo(A)Anthracene (1.4 mg/kg)**
  - **Benzo(A)Pyrene (1.1 mg/kg)**
  - **Benzo(B)Fluoranthene (1.1 mg/kg)**
  - Benzo(K)Fluoranthene (1.1 mg/kg)
  - Chrysene (1.5 mg/kg)
  - Indeno(1,2,3-C,D)Pyrene (0.7 mg/kg)

- SB-4 (2-3.5-feet)
  - **Dibenzo(A,H)Anthracene (0.42 mg/kg)**

Bold font indicates RRSCO exceedance.

Metals were detected in all seven (7) soil samples collected and analyzed. Metals were detected in five (5) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-4 (2-3.5-feet)
  - **Lead (986 mg/kg)**
  - **Mercury (0.874 mg/kg)**

- SB-5 (2-3-feet)
  - Lead (344 mg/kg)
  - **Mercury (0.831 mg/kg)**

- SB-6 (0.5-3-feet)
  - Lead (202 mg/kg)
  - **Mercury (1.27 mg/kg)**

- SB-8 (2.5-3.5-feet)
  - Lead (63.5 mg/kg)
  - Mercury (0.259 mg/kg)

- SB-9 (2-2.5-feet)
  - Mercury (0.223 mg/kg)

Bold font indicates RRSCO exceedance.

PCBs were not detected in either of the two (2) soil samples collected for analysis of PCBs.

Vapor Quality: A total of six (6) soil vapor samples, four (4) soil vapor samples from exterior locations and two (2) sub-slab soil vapor samples in the basement of the on-site structure were collected from the subject property. The following compounds were detected in the vapor samples collected:

- SV-1
  - 1,2,4-Trimethylbenzene (24 µg/m^3)
  - 1,3,5-Trimethylbenzene (5.6 µg/m^3)
  - 2,2,4-Trimethylpentane (2.26 µg/m^3)
  - 4-Ethyltoluene (24 µg/m^3)
  - Acetone (320 µg/m^3)
  - Benzene (3.9 µg/m^3)
  - Carbon Disulfide (2.8 µg/m^3)
  - Cyclohexane (4.4 µg/m^3)
  - Dichlorodifluoromethane (3.0 µg/m^3)

  - Ethylbenzene (41 µg/m^3)
  - Methyl Ethyl Ketone (5.2 µg/m^3)
  - m,p-Xylene (45 µg/m^3)
  - N-Heptane (6.4 µg/m^3)
  - N-Hexane (10 µg/m^3)
  - O-Xylene (1,2-Dimethylbenzene) (18 µg/m^3)
  - PCE (27 µg/m^3)
  - Toluene (32 µg/m^3)
  - Trichlorofluoromethane (6.8 µg/m^3)

- SV-2
  - 1,2,4-Trimethylbenzene (35 µg/m^3)
  - 1,3,5-Trimethylbenzene (7.8 µg/m^3)
  - 1,3-Butadiene (3.4 µg/m^3)
  - 2,2,4-Trimethylpentane (3.71 µg/m^3)
  - 2-Hexanone (3.4 µg/m^3)
  - 4-Ethyltoluene (36 µg/m^3)
  - Acetone (280 µg/m^3)
  - Benzene (8.1 µg/m^3)
  - Benzyl Chloride (2.5 µg/m^3)
  - Carbon Disulfide (3.0 µg/m^3)
  - Carbon Tetrachloride (7.4 µg/m^3)
  - Cyclohexane (15 µg/m^3)
  - Dichlorodifluoromethane (3.5 µg/m^3)
  - Ethylbenzene (54 µg/m^3)
  - Methyl Ethyl Ketone (6.7 µg/m^3)
  - m,p-Xylene (62 µg/m^3)
  - N-Heptane (28 µg/m^3)
  - N-Hexane (46 µg/m^3)
  - O-Xylene (25 µg/m^3)
  - PCE (17 µg/m^3)
  - Styrene (1.8 µg/m^3)
  - Toluene (47 µg/m^3)
  - TCE (0.51 µg/m^3)
  - Trichlorofluoromethane (2.9 µg/m^3)
  - Vinyl Chloride (0.49 µg/m^3)

- SV-3
  - 1,2,4-Trimethylbenzene (36 µg/m^3)
  - 1,3,5-Trimethylbenzene (8.7 µg/m^3)
  - 2,2,4-Trimethylpentane (4.52 µg/m^3)
  - 4-Ethyltoluene (35 µg/m^3)
  - Acetone (530 µg/m^3)
  - Acrylonitrile (5.3 µg/m^3)
  - Benzene (17 µg/m^3)

  - Cis-1,2-Dichloroethylene (4.5 µg/m^3)
  - Cis-1,2-Dichloromethane (4.5 µg/m^3)
  - Cyclohexane (8.9 µg/m^3)
  - Ethylbenzene (66 µg/m^3)
  - Methyl Ethyl Ketone (10 µg/m^3)
  - m,p-Xylene (73 µg/m^3)
  - N-Heptane (28 µg/m^3)
  - N-Hexane (39 µg/m^3)
  - O-Xylene (27 µg/m^3)
  - PCE (4,900 µg/m^3)
  - Toluene (58 µg/m^3)
  - TCE (100 µg/m^3)
  - Trichlorofluoromethane (13 µg/m^3)

- SV-4
  - 1,2,4-Trimethylbenzene (36 µg/m^3)
  - 1,3,5-Trimethylbenzene (8.2 µg/m^3)
  - 2,2,4-Trimethylpentane (4.95 µg/m^3)
  - 4-Ethyltoluene (34 µg/m^3)
  - Acetone (540 µg/m^3)
  - Benzene (390 µg/m^3)
  - Benzyl Chloride (10 µg/m^3)
  - Bromodichloromethane (13 µg/m^3)
  - Chloroform (84 µg/m^3)
  - Cis-1,2-Dichloroethylene (2.4 µg/m^3)
  - Cyclohexane (9.9 µg/m^3)
  - Ethylbenzene (66 µg/m^3)
  - Methyl Ethyl Ketone (14 µg/m^3)
  - m,p-Xylene (72 µg/m^3)
  - N-Heptane (22 µg/m^3)
  - N-Hexane (35 µg/m^3)
  - O-Xylene (28 µg/m^3)
  - PCE (1,800 µg/m^3)
  - Toluene (110 µg/m^3)
  - Trichlorofluoromethane (8.5 µg/m^3)

- SSV-1
  - Acetone (85 µg/m^3)
  - TCA (7.8 µg/m^3)
  - 1,2,4-Trimethylbenzene (7.7 µg/m^3)
  - Chloroform (9.0 µg/m^3)
  - cis-1,2-Dichloroethylene (83 µg/m^3)
  - Dichlorodifluoromethane (7.7 µg/m^3)
  - Ethylbenzene (9.3 µg/m^3)
  - Methyl Ethyl Ketone (5.0 µg/m^3)

  - N-Heptane (7 µg/m^3)
  - N-Hexane (8.5 µg/m^3)
  - PCE (7,400 µg/m^3)
  - Toluene (8 µg/m^3)
  - TCE (220 µg/m^3)
  - Trichlorofluoromethane (22 µg/m^3)

- SSV-2
  - 1,2,4-Trimethylbenzene (9 µg/m^3)
  - 2,2,4-Trimethylpentane (1.38 µg/m^3)
  - 4-Ethyltoluene (7.3 µg/m^3)
  - Acetone (170 µg/m^3)
  - Benzene (3 µg/m^3)
  - Cis-1,2-Dichloroethylene (1.6 µg/m^3)
  - Cyclohexane (2.6 µg/m^3)
  - Dichlorodifluoromethane (8.8 µg/m^3)
  - Ethylbenzene (11 µg/m^3)
  - Methyl Ethyl Ketone (9.9 µg/m^3)
  - m,p-Xylene (14 µg/m^3)
  - N-Heptane (5.8 µg/m^3)
  - N-Hexane (6.7 µg/m^3)
  - O-Xylene (6.2 µg/m^3)
  - PCE (890 µg/m^3)
  - Propylene (5.7 µg/m^3)
  - Toluene (10 µg/m^3)
  - TCE (33 µg/m^3)
  - Trichlorofluoromethane (24 µg/m^3)

Co-located ambient indoor air samples would be required to confirm the NYSDOH recommended action at each location. However, given the deteriorated condition of the structure and potential for influence/dilution from outdoor ambient air, no indoor ambient air samples were collected.

Recommendations

1. SVOCs and metals were detected in soil samples at concentrations indicative of impacts to soils from past site operations (use as a trucking terminal, tin works/machine shop/a blueing factory and ironworks). Historic fill is present throughout the subject property.
   a. Four (4) of the seven (7) samples analyzed at the laboratory contained contaminants at concentrations exceeding the intended use criteria (RRSCOs). These concentrations are consistent with historical fill. The presence of this fill and contaminants exceeding the intended use criteria elsewhere on site is likely.

b. 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.
c. Unconsolidated materials (below surface cover) throughout the subject property contained urban fill (wood and brick fragments). Should the client elect not to proceed with BCP, and 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.

2. Based on the concentrations of VOCs compounds detected in soil vapor, a vapor encroachment condition (VEC) may exist at the site. The presence of sub-slab vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not possible due to limited access. Redevelopment of the site should include the design and installation of a sub-slab depressurization system (SSDS) within the enclosed portions of structures to prevent exposure to building occupants.
3. This investigation is limited in scope, impacts to soil, groundwater and soil vapor from past site operations in other locations of the property cannot be ruled out.

2.4.3 Preliminary Remedial Investigation Report*, PVEDI, August 11, 2025*

PVEDI Engineering, Architecture and Geology, D.P.C. (PVEDI) performed a Preliminary Remedial Investigation of the Site summarized in our report dated August 11, 2025. Preliminary Remedial Investigation was completed in accordance with our approved scope of work, dated May 3, 2025.

Scope
On June 18 and 19, 2025, a total of thirteen (13) soil borings soil borings were installed via direct push drilling methods using a track-mounted GeoprobeTM 6712DT drill rig equipped with 5-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners and hand tools for interior locations. Soil borings were advanced to a maximum depth of 40.0-feet bgs. Groundwater was not encountered ATD in the northern-most soil borings (SBs 11, 12, & 13) due to shallow refusal ranging from 20.0 feet to 26.5 feet. Groundwater was encountered in four (4) soil borings (SBs 14, 21, 22, & 23) at a depth of 33.90 feet to 34.64 feet bgs. One (1) soil sample was collected from nine (9) of the thirteen (13) of the soil borings for a total of nine (9) soil samples. Soil samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of the following:

- TCL VOCs via USEPA Method 8260;
- TCL SVOCs via USEPA Method 8270;
- Target Analyte List (TAL) Metals via USEPA Methods 6010/7473; &
- Per- & Polyfluoroalkyl Substances (PFAS) via USEPA Method 1633 (2 samples).

On July 25, 2025, four (4) monitoring wells were sampled for a total of four (4) groundwater samples. Groundwater samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of the following:

- TCL VOCs via USEPA Method 8260; &
- TAL Metals via USEPA Methods 6010/7473.

Analytical Results

Soil Quality: One (1) or more VOCs were detected in nine (9) soil samples collected and analyzed for VOCs. Of note, PCE was detected at low concentrations in each of the nine (9) samples collected. However, VOCs were not detected at concentrations exceeding SCOs.

One (1) or more SVOCs were detected in two (2) of the nine (9) soil samples collected and analyzed for SVOCs. SVOCs were not detected at concentrations exceeding SCOs.

Metals were detected in all nine (9) soil samples collected and analyzed for metals. One (1) or more metals were detected at concentrations exceeding UUSCOs, RRSCOs and/or Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) in seven (7) of the nine (9) soil samples. Exceedances are listed below:

- SB-15 (0.5-1.5-feet)
  - Copper (53.4 mg/kg)
- SB-16 (0.5-1.0-feet)
  - Copper (82.2 mg/kg)
- SB-17 (0.5-1.5-feet)
  - Zinc (122 mg/kg)
- SB-18 (0.5-1.0-feet)
  - Copper (71.4 mg/kg)
  - Lead (215 mg/kg)
  - Zinc (433 mg/kg)
  - Mercury (0.723 mg/kg)
- SB-20 (0.5-1.0-feet)
  - Copper (60.6 mg/kg)
  - Lead (276 mg/kg)
  - Zinc (764 mg/kg)
  - ***Mercury (1.91 mg/kg)***
- SB-21 (35-37-feet)
  - Nickel (35.3 mg/kg)
- SB-22 (35-37-feet)
  - Nickel (31.5 mg/kg)

Bold indicates RRSCO exceedance.

Italic indicated PGWSCO exceedance.

Multiple PFAS compounds were detected in both soil samples collected and analyzed for PFAS. Neither Perfluorooctanesulfonic acid (PFOS) nor Perfluorooctanoic acid (PFOA) were detected in either soil sample. As SCOs are only defined for PFOS and PFOA, no PFAS were detected at concentrations exceeding SCOs.

Groundwater Quality: VOCs were detected in all four (4) of the groundwater samples collected and analyzed for VOCs. One (1) VOC was detected at concentrations exceeding Class GA Groundwater Quality Standards (GQS) as defined in 6NYCRR Part 700-705. Exceedances are listed below.

- MW-1
  - PCE (66.6 ug/L)
- MW-2
  - PCE (79.9 ug/L)
- MW-3
  - PCE (31.2 ug/L)
- MW-4
  - PCE (136 ug/L)

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

- MW-1
  - Iron (58.1 mg/L)
  - Lead (0.0897 mg/L)
  - Magnesium (42.6 mg/L)
  - Manganese (2.88 mg/L)
  - Sodium (157 mg/L)
- MW-2
  - Iron (14.1 mg/L)
  - Manganese (0.620 mg/L)
  - Sodium (31.1 mg/L)
- MW-3
  - Barium (2.01 mg/L)
  - Total Chromium (0.0678 mg/L)
  - Copper (0.216 mg/L)
  - Iron (150 mg/L)
  - Lead (0.157 mg/L)
  - Magnesium (67.4 mg/L)
  - Manganese (8.89 mg/L)
  - Nickel (0.145 mg/L)

  - Sodium (55.1 mg/L)
- MW-4
  - Iron (51.7 mg/L)
  - Lead (0.0842 mg/L)
  - Manganese (4.12 mg/L)
  - Sodium (198 mg/L)
  - Thallium (0.00192 mg/L)

Recommendations

1. VOCs and metals were detected in soil and groundwater samples at concentrations indicating past site operations have adversely impacted the subject property.
2. PCE was detected in groundwater at concentrations increasing from east to west under the on-site structure. The upgradient concentrations of PCE range from 31.2 ug/L to 79.9 ug/L while the downgradient concentrations at the properties edge range from 66.6 ug/L to 136 ug/L. Based on surveyed well elevations and estimated direction of groundwater flow, these data suggest a source of groundwater contamination underlying the structure/subject property. Further, PCE was detected at low concentrations in all nine (9) soil samples collected.
3. Multiple metals were detected in groundwater at concentrations exceeding Class GA GQS. Lead was detected in soil samples (data provided in our Phase II ESA) at concentrations exceeding PGWSCOs and groundwater at concentrations exceeding Class GA indicating an on-site source of lead to be contaminating groundwater.
4. We feel that this supplemental data clearly defines source contamination on-site thus deeming the site eligible for Tangible Property Tax Credits (TPTCs).

2.5 Areas of Concern (AOC)

AOC – 1 Historic Fill
AOC – 2 Soil Vapor
AOC – 3 Groundwater
AOC – 4 Buried Gasoline Tank
AOC – 5 Hazardous Building Materials

The following is a brief description of the findings in each area identified above.

AOC – 1 Historic Fill

As indicated in the previous investigations, historic fill was observed in soil boring throughout the subject property, likely a resulting from infill of former on-site structures or subbase for Phelps Avenue that bisected the property historically. This fill was found to contain SVOCs and metals at concentrations exceeding the Site's intended SCOs. AOC – 1 is depicted in Figure 5.

AOC – 2 Soil Vapor

As indicated in the previous investigations, a vapor encroachment condition (VEC) may exist at the site. The presence of chlorinated solvents in soil vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not possible due to limited access. VOCs were detected at concentrations requiring further action(s). AOC – 2 is depicted in Figure 5.

AOC – 3 Groundwater

As indicated in the Preliminary Remedial Investigation Report, a total of four (4) conventional 2-inch diameter groundwater monitoring wells were installed throughout the BCP Site. PCE and multiple metals were detected at concentrations exceeding Class GA GQS standards in all four (4) monitoring wells. AOC – 3 is depicted in Figure 5.

According to DECinfo Locator (https://dec.ny.gov/maps/interactive-maps/decinfo-locator), no public potable wells were identified within a 0.25-mile radius of the BCP Site. Residents of the City of Binghamton utilize municipal-supplied water.

AOC – 4 Buried Gasoline Tanks

A gasoline storage tank is depicted in the northern parking lot on Sanborn Maps dated 1950 to 1970. Two (2) soil borings were installed in proximity to (based on georeferenced images) the buried tank; while no impacts were observed in the soil, PVEDI could not extend a soil boring to the depth of groundwater in this area. AOC – 4 is depicted in Figure 5.

AOC – 5 Hazardous Building Materials

The structure is in poor condition with portions of the roof collapsed through underlying floors into the basement. The building materials and debris are co-mingled/homogenized throughout the collapsed pile. ACM may be present throughout the basement in areas prohibiting safe subsurface investigation. AOC – 5 is depicted in Figure 5.

3.0 PURPOSE

A Remedial Investigation is planned to completely characterize the BCP Site, assist in the design of site remediation, and support planned development in accordance with the requirements of the BCP and DER-10. Specific tasks include the following:

- Geophysical survey to identify the location of buried infrastructure, utilities, and estimate the depth-to-bedrock;
- Soil borings for collection and analysis of soil samples;
- Installation of groundwater monitoring wells in overburden for collection and analysis of groundwater samples;
    - Groundwater monitoring wells will surveyed by a New York State-Licensed Surveyor in order to generate a groundwater contour map and determine direction of groundwater flow; &
- Installation of soil vapor probes for collection and analysis of soil vapor samples.

Based on the historical use of the BCP Site and previously summarized results, PVEDI has developed a scope of work to further investigate surface and subsurface conditions. This Work Plan details specific tasks that will facilitate BCP Site characterization and ensure compliance with the NYSDEC BCP requirements. Specifically, when used in concert with results of previous investigations, the findings of the remedial investigation will be used to:

- Describe the amount, concentration, persistence, mobility, form (e.g., solid, liquid), and other significant characteristics of the contamination present (nature of contamination).
- Define hydrogeological factors (e.g., depth to saturated zone, hydrologic gradients [if practical], proximity to a drinking water aquifer).
- Further define the lateral and vertical extent of fill material and characterize the chemical composition of the fill.
- Delineate lateral and vertical extent of site-related contaminants.
- If applicable, define the extent to which the contaminants of concern have potential to migrate, and whether potential future migration may pose a threat to human health or the environment.
- Determine the extent to which contaminant levels pose an unacceptable risk to public health and the environment.
- Provide sufficient information to allow for the identification of potentially feasible remedial alternatives.
- Develop Remedial Action Objectives (RAOs) for the Site based on the contaminant characterization results, exposure pathways, and risk evaluation data. Based on our knowledge of potential Site issues, the RAOs for the Site may require implementation of remedial actions designed to remove or cover impacted soil/fill material.

3.1 Conceptual Site Model

Based on historical information, the Site is in an area dominated by industrial and commercial activities since the 1890s. These activities generated waste which contained VOCs, SVOCs, and heavy metals that resulted in the contamination of soil, groundwater and soil vapor.

A total of four (4) groundwater monitoring wells were installed during the Preliminary Remedial Investigation which encountered groundwater at depths ranging from 33.90 to 34.64 feet. These monitoring wells were surveyed by a NYS Professional Licensed Surveyor (PLS). In conjunction with surveyed well elevations and depth to groundwater measurements to the nearest 0.01-foot, direction of groundwater flow was determined to be to the west southwest towards Chenango River. Depth of bedrock is unknown but regionally believed to be 200 to 1,000 feet bgs and consisting of Rye Point Shale, Rock Stream Siltstone; Pulteney, Sawmill Creek, Johns Creek, and Montour Shales.

4.0 REMEDIAL INVESTIGATION SCOPE OF WORK

Remedial Investigation sampling will focus on delineating the extent of contaminants that have been demonstrated to be present to properly design future remedial alternatives. Sample locations have also been selected to identify contaminants in areas that have not been previously investigated, or where a contaminant source is suspected but previous sampling has been insufficient to conclusively establish the presence or absence of contaminants at concentrations requiring remedial action. In this sense, the Remedial Investigation Scope is presented to provide sufficient detail to develop data to satisfy overall project objectives, but flexibility to adjust for field conditions and observations.

The Sample Summary Table (Table 1) describes the location and depth of each sample, the laboratory analyses and laboratory method number planned for each sample, and the rationale for collecting each sample.

All RI field work will be conducted in accordance with the Quality Assurance Project Plan (QAPP), provided in Appendix A, and the Health and Safety Plan (HASP), provided in Appendix B. Community air monitoring will be conducted in accordance with the Appendix 1A of DER-10.

4.1 Mobilization and Utilities Investigation

Seven (7) days prior to initiating any field activities, PVEDI will notify NYSDEC and NYSDOH personnel of the anticipated field schedule. A draft schedule is presented in Section 11.0.

A geophysical survey will be performed prior to drilling and installation of soil borings and monitoring wells. The geophysical survey will employ ground-penetrating radar (GPR) and magnetic/electromagnetic equipment to locate anomalies that could be representative of buried infrastructure, such as fuel storage tanks, sewer lines, drain pipes, utilities, and conduits that could provide potential pathways for contaminants, or obstructions to be avoided during drilling.

4.2 Soil Borings

Ten (10) soil borings are proposed across the BCP Site to determine site stratigraphy and collect soil samples for laboratory analysis (See Figure 6). Five (5) from beneath the slab of the on-site structure and five (5) from exterior locations. Interior soil boring locations will need to be assessed by a structural engineer provided the integrity of the current on-site structure. If feasible and necessary, shoring will be designed and installed in support of the investigation. Borings will be advanced using various direct push Geoprobe™ equipment equipped with 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Interior soil borings will be installed through the slab of on-site structure via Geoprobe™ 420M hand-truck mounted hammer, or equivalent limited access tooling, and be sampled continuously from ground surface to a maximum depth of

35-feet bgs, to depth of groundwater, or to refusal, whichever is encountered first. Exterior soil borings will be installed via Geoprobe™ 6712 track-mounted rig and be sampled continuously from ground surface to a maximum depth of 45-feet bgs, to groundwater, or to refusal, whichever is encountered first.

If shallow refusal is encountered, up to three (3) attempts will be made to complete the soil samples to the target depth. At each location, field personnel will screen soil samples for VOCs using a photoionization detector (PID), and headspace techniques. The project geologist will keep a detailed log of each core: Lithology, grain size, stratigraphic changes, color, and occurrence of groundwater will be recorded. Observations will be made describing the presence of potential contamination in the soil samples based on odor, visual observations, or PID readings.

Four (4) to five (5) discrete/grab soil samples will be collected from each soil boring or surface soil sample. Soil will be collected from surface (0-2-inches), shallow intervals (2-12-inches & 12-24-inches), a fourth interval from the groundwater interface, and a fifth interval collected at the highest PID reading or the most visually contaminated spot, based on field observations (visual or olfactory evidence). If no indications of contamination are present (based upon PID, visual or olfactory evidence) then the sample will not be collected. Lastly, one (1) discrete /grab soil sample will be collected at the soil/groundwater interface in each soil boring to better quantify the vertical extent of soil contamination. Soil samples will be screened for VOCs using a PID. Each discrete/grab soil sample interval will be transferred into laboratory provided container. See Appendix A for more information related to sampling procedure and approved sample containers.

Soil samples will be analyzed for some or all of the following parameters, as specified in Table 1:

- TCL VOCs by USEPA Method 8260 (*All soil samples collected from 2-12", 12-24", most contaminated interval [if applicable] and groundwater interface interval*);
- TCL SVOCs by USEPA Method 8270D (*All soil samples collected from 0-2", 2-12", 12-24", most contaminated interval [if applicable] and groundwater interface interval*);
- TAL Metals by USEPA Method 6010C & 7471 (*All soil samples collected from 0-2", 2-12", 12-24", most contaminated interval [if applicable] and groundwater interface interval*);
    - Including cyanide and hexavalent chromium.
- TCL PCBs by USEPA Method 8082A (*All soil samples collected from 0-2", 2-12", 12-24", most contaminated interval [if applicable] and groundwater interface interval*);
- TCL Pesticides by USEPA Method 8081B (*All soil samples collected from 0-2", 2-12", 12-24", most contaminated interval [if applicable] and groundwater interface interval*);

- TCL Herbicides by USEPA Method 8051A (*All soil samples collected from 0-2", 2-12", 12-24", most contaminated interval [if applicable] and groundwater interface interval*); &
- Emerging Contaminants: 1,4-Dioxane & Per- & PFAS by USEPA Method 8270D SIM & 1633 (*Sampled from two (2) selected intervals from ten [10] soil borings*).

Samples to be analyzed for emerging contaminants will be collected in accordance with NYSDEC Guidelines for Sampling, Analysis, and Assessment of PFAS, dated April 2023.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Analytical Services Protocol (ASP) Category B deliverables. Field duplicates and matrix spike/matrix spike duplicates (MS/MSD) will be collected for quality control/quality assurance (QA/QC) purposes and analyzed for sample parameters described above, in accordance with Table 1. In addition, aqueous equipment field blanks will be collected in the field and laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only). QA/QC blanks and duplicates will be completed at a frequency of one sample for every 20 field-samples, as required in DER-10. QA/QC blanks and duplicates are included in Table 1.

Upon completion of drilling, each boring will be filled to within 12-inches of ground surface with either the drill cuttings or a cement/bentonite grout mixture (if grossly contaminated media is identified). Boreholes filled with soil cuttings will be completed to ground surface using drilling sand, if necessary. Boreholes filled with grout will be completed with Quickrete to top of groundwater interface and natural soil cuttings/sand, as necessary. All borings will be patched with the appropriate surface materials (e.g., asphalt or concrete patch), depending on the location.

4.3 Soil Vapor

A vapor intrusion investigation will be conducted in accordance with NYSDOH Guidance for Evaluating Vapor Intrusion in the State of New York, dated May 2006 (and subsequent revisions).

A total of three (3) soil vapor samples and five (5) sub-slab soil vapor samples are to be collected from the BCP Site. Sub-slab soil vapor samples will be installed using a hammer-drill and 5/8-inch drill bit. Vapor probes would be installed below the slab elevation and sealed at the surface with a non-VOC emitting clay to prevent sample cross contamination.

A helium-vapor test will be conducted to demonstrate a proper seal around the sampling port and confirm sample integrity. Prior to sample collection, the sample port will be purged of one to three volumes at a rate not to exceed 0.2 L/min. The vapor samples will be collected in laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling period of 2-hours and at a flow rate not to exceed 0.2 L/minute. Prior to soil vapor sample collection, one (1) to three (3) volumes of soil vapor will be purged from the

sample port at a flow rate not to exceed 0.2 L/minute. Based on the condition of the on-site building and the direction of the NYSDEC Project Manager, the collection of indoor air samples will not provide usable data to evaluate the potential for exposure at the site, therefore the collection of indoor and outdoor samples is not required at this time.

Vapor sample canisters will be submitted to a NYSDOH ELAP-certified laboratory for analysis for VOCs via USEPA Method TO-15.

4.4 Monitoring Wells

Based on the previous investigation completed at the Site, groundwater was encountered from 33.90 to 34.64 feet. An additional two (2) monitoring wells will be installed, to a maximum depth of 45-feet bgs, in overburden soils through the use of a Geoprobe™ or conventional drilling rig equipped with hollow-stem augers (HSA). Monitoring wells will be constructed of 2-inch Schedule 40 PVC with a 0.020-inch slotted screen and solid riser. The borehole annulus of the wells will be filled with silica sand to a height of 2-feet above the top of the screen to form a filter pack. Bentonite will be placed above the filter pack to form a 2-foot seal. The remainder of the borehole annulus will be filled with a bentonite-cement grout or drill cuttings (if not grossly contaminated). Wells will be finished at the surface with either flush-to-grade curb boxes or appropriately sized steel standpipe with locking cap set in concrete, depending on the location.

Each monitoring well will be developed to remove fine-grained soil from the well and filter pack using a submersible pump. Groundwater samples will be collected using low-flow (minimal-drawdown) sampling techniques, with dedicated tubing. Prior to sample collection, depth to groundwater will be measured to the nearest 0.01-foot and recorded for each well. The wells will be purged until temperature, pH, oxygen reduction potential (ORP), turbidity, dissolved oxygen (DO) and conductivity have stabilized. The top-of-casing elevation will be surveyed to the nearest 0.01 foot by a NYS-PLS. Depth-to-water measurements recorded prior to sample collection will be used to calculate groundwater gradients and develop a groundwater contour map.

Groundwater samples will be analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL Metals by USEPA Method 6010C & 7471B;
    - Including cyanide and hexavalent chromium;
    - Field filtered and totals;
- TCL PCBs by USEPA Method 608;
- TCL Pesticides by USEPA Method 608;
- TCL Herbicides by USEPA Method 8051A; &
- Emerging Contaminants: 1,4-Dioxane & PFAS by USEPA Method 8270D SIM & 1633.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Category B deliverables for the analyses listed above. Aqueous equipment field blanks will be collected for QA/QC purposes and analyzed for all sample parameters in accordance with Table 1. Laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only).

4.5 Hazardous Building Materials

The volunteer will cause surveys of the on-site building materials for the presence of LBP and ACM to determine the presence and amount thereof which may impact the ability to adequately investigation and/or remediate the BCP Site. Any damaged/loose friable ACM identified during surveys presenting immediate risks to on-site personnel will require abatement prior to investigation of interior spaces. Such abatement will be conducted in accordance with NYS DOL Industrial Code Rule 56. Other identified LBP and ACM will be properly abated during RA of the property and will be further discussed in the forthcoming RAWP.

4.6 Investigation-Derived Waste Management

Investigation-derived wastes (IDW) will be minimized by returning excess soil from soil borings to the original borehole unless grossly contaminated, in accordance with DER-10(3.3)(e), which also prescribes the following: If field evidence of gross contamination is identified, soil cuttings, decontamination wastewater and groundwater will be drummed containerized and staged near the point of generation and will be properly disposed of based on laboratory results. If free of visible contamination, disposable personal protective equipment (PPE), sampling supplies and disposables will be placed in heavy-duty plastic bags and disposed of properly as general refuse.

In any instance during the performance of this RI, all IDW will be managed in accordance with procedures and methods outlined in DER-10 section 3.3e.

4.7 Data Review

All samples undergoing laboratory analysis will be subject to a third-party data review process in accordance with the QAPP, to ensure the usability of the data collected. Data usability summary reports (DUSRs) documenting any issues with QA/QC will be prepared and included in the RI Report. Further, Category B Deliverables for the previous data collected during the Phase II ESA and the Preliminary Remedial Investigation Report will be requested from the laboratory. Data usability summary reports (DUSRs) for all data amassed from the site documenting any issues with QA/QC will be prepared and included in the RI Report.

5.0 FISH AND WILDLIFE RESOURCES IMPACT ANALYSIS

The purpose of the FWRIA Part 1 is to identify actual or potential impacts to fish and wildlife resources from site contaminants of ecological concern. PVE prepared the Resource Characterization (Part 1) in accordance with DER-10 Section 3.10.1. If required, based on the Part 1, a FWRIA Part 2 (Ecological Impact Assessment) using the scope of work for gathering the necessary data to perform the evaluations identified in DER-10 subsection 3.10.2.

PVE's FWRIA Part 1 concluded the following; the site's use as habitat for wildlife is substantially restricted due to the impervious nature and past uses of the site. These past uses have resulted in the discharge of contaminants into the soil, however the impervious cover will protect against direct contact to wildlife. Burrowing, direct soil contact and sediment transport are not anticipated with the site's current land cover. No aquatic resources are located on site and the nearest surface water is 0.2 miles to the west. Redevelopment of the property may be able to provide some future wildlife habitat by utilizing softscape areas with plant selections that will provide food, habitat and shelter.

6.0 PREVIOUSLY UNDISCOVERED CONDITIONS

Borings proposed in the RI scope are anticipated to identify and delineate contaminants in areas where data has been insufficient to properly design future remedial alternatives. If previously undiscovered conditions are identified during completion of this RI scope, additional RI tasks will be proposed as an addendum to this Work Plan and carried out in accordance with the standard operating procedures contained herein.

7.0 QUALITIATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A qualitative human health exposure assessment will be conducted to determine if the presence and concentrations of chemicals in the environmental media at the BCP Site pose potential human health concerns. The assessment will encompass both on-Site and off-Site risks with the results of the exposure analysis used as one of the criteria to determine the most appropriate future actions at the Site. Proposed "actions" may include "no further action", additional data collection, and/or quantitative health risk assessment and the establishment of action levels. The assessment will begin with the construction of a conceptual Site model, a graphic illustration that outlines chemical source areas, possible chemical release mechanisms, environmental media that currently show or may show in the future the presence of chemicals, possible exposure pathways, possible points of exposure for human receptors, possible exposure routes, and possible human receptors. The conceptual model will be based on current Site conditions and surrounding land use as well as the planned future Site and surrounding land uses.

Qualitative evaluations will be made for the four (4) components that typically comprise a health risk assessment: data evaluation; exposure assessment; toxicity assessment; and risk characterization/uncertainty analysis. In the data evaluation, chemical concentrations in the various media will be compared to appropriate NYSDEC standards and criteria (e.g., NYSDEC Soil Cleanup Objective and Cleanup Levels, Water Quality Standards, etc.). Chemicals detected at concentrations greater than these standards and criteria will be identified as contaminants of potential concern. In the exposure assessment, an evaluation will be made of the likelihood and magnitude of exposure to the contaminants of potential concern in environmental media of concern. This will involve outlining possible exposure routes and plausible exposure times, frequencies, and durations. In the toxicity assessment, the toxicity of the contaminants of concern will be outlined. This will include identifying known or suspected carcinogens and/or the target organ/system of concern for noncarcinogenic effects. In the risk characterization, information from the three components will be integrated, to estimate the likelihood and magnitude of possible health risks.

8.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

See Appendix A – Quality Assurance Project Plan for additional details.

8.1 Analytical Methods

All samples collected during the BCP RI will be analyzed using EPA-approved analytical methods. See the attached QAPP for further detail (Appendix A).

8.2 Laboratory

The subcontracted laboratory will be certified by the New York State Department of Health to perform Contract Laboratory Program (CLP) analysis on all media to be sampled during this investigation. The laboratory will perform the sample analysis in accordance with the most recent NYSDEC ASP.

8.3 Data Submittal

Analytical data will be submitted in complete ASP Category B data packs. Procedures for chain of custody, laboratory instrumentation calibration, laboratory analyses, reporting of data, internal quality control, and corrective actions shall be followed as per SW-846 and as per the laboratory's Quality Assurance Plan. Where appropriate, trip blanks, field blanks, field duplicates, and matrix spike, matrix spike duplicate shall be performed at a rate of 5% and will be used to assess the quality of the data. The laboratory's in-house QA/QC limits will be utilized whenever they are more stringent than those suggested by the EPA methods.

8.4 Data Usability Summary Report

The data package will be sent to a qualified, independent, data validation specialist for evaluation of the accuracy and precision of the analytical results. A DUSR will be prepared for the RI data sets to describe the compliance of the analyses with the analytical method protocols detailed in the NYSDEC ASP. The DUSR will provide a determination of whether the data meets the project-specific criteria for data quality and data use. The validation effort will be completed in accordance with NYSDEC Division of Environmental Remediation DUSR guidelines.

9.0 HEALTH AND SAFETY

Field tasks will be performed using industry standard health and safety procedures. A site-specific HASP has been prepared for use by the field team during all field activities. This plan details known and potential hazards of the Site and field tasks as well as air monitoring and emergency procedures. The HASP is presented in Appendix B.

Fact sheets documenting the goals and progress of the project will be prepared at key milestones of the project and distributed to those on the project mailing list. The distribution list is included in the Citizens Participation Plan which is provided in Appendix C.

9.1 Community Air Monitoring

Where ground intrusive operations are planned, community air monitoring will be performed to protect the downwind community. This Community Air Monitoring Plan (CAMP) data will be submitted to the NYSDEC and NYSDOH on a weekly basis. A PVEDI representative will continually monitor the breathing zone in the vicinity of the immediate work area using PID instrumentation capable of measuring total volatile organic compounds in air at concentrations as low as 1 part per million (PPM). The air in the work zone also will be continually monitored for dust generation using a pDR 1500 hand-held meter or comparable model. Additionally, one (1) upwind and one (1) downwind station, consisting of one (1) PID and one (1) DustTrak II Aerosol Monitor respectively, will operate continuously during all ground intrusive work with extra care exercised when sampling near adjacent residential properties. Within one (1) business day of any CAMP exceedances detected during monitoring, the NYSDEC and NYSDOH will be notified of actions planned or taken in response to these exceedances. If VOC measurements are detected at 5 ppm above the background for the 15-minute average, or if dust generation is observed at 100 micrograms per cubic meter greater than at background (upwind perimeter) locations, then the intrusive work will be temporarily halted, dust suppression techniques will be implemented and more rigorous monitoring of VOCs and dust will be conducted in accordance with the NYSDOH Generic CAMP. A copy of the CAMP is provided in Appendix D.

10.0 REPORTING

10.1 Remedial Investigation Report

Upon completion of field activities and receipt of laboratory results, PVEDI will prepare a Remedial Investigation Report (RIR) that will summarize the findings and compare the analytical results to appropriate NYSDEC and NYSDOH standards, objectives and guidelines in conformance with DER-10 requirements. The data will be summarized in tables and figures, and sample locations will be depicted on sample location maps with corresponding sample numbers and depths.

The report will include ASP Category B laboratory data packages for all samples (including previous investigations), soil boring logs, well construction diagrams, well development and purge logs, sample location maps, and groundwater contour maps derived from depth to water measurements. Data usability summary reports documenting any issues with QA/QC will be prepared and included in the RIR. Electronic data deliverables will be submitted to the NYSDEC EQuIS database.

The findings and conclusions of the RIR will form the basis for developing a Remedial Action Work Plan (RAWP).

11.0 SCHEDULE

We anticipate implementation of this Remedial Investigation Work Plan to be conducted according to the following approximate schedule (pending Department-approval and satisfaction of required public comment periods):

Remedial Investigation	Estimated Start	Estimated Completion
Mobilization	March 2026	March 2026
Soil Borings	March 2026	March 2026
Soil Vapor Probes	March 2026	March 2026
Monitoring Well Installation	March 2026	March 2026
Monitoring Well Development/Sampling	April 2026	April 2026
Preliminary Data Evaluation	April 2026	April 2026
Final Data Review/Develop DUSR	May 2026	May 2026
Remedial Investigation Report	May 2026	May 2026

12.0 CERTIFICATION

I, Conor Tarbell., certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Conor Tarbell, QEP. Date

13.0 REFERENCES

DER-10 / Technical Guidance for Site Investigation and Remediation, DEC Program Policy; Issued May 3, 2010.

DER-23 / Citizen Participation Handbook for Remedial Programs, DEC Program Policy; Issued January 21, 2010.

Brownfield Cleanup Program Guide; Issued May 2004.

6 NYCRR Part 375 Environmental Remediation Programs; Guidelines for Sampling and Analysis of PFAS; issued November 2022.

6 NYCRR Part 375 Environmental Remediation Programs; Effective December 14, 2006.

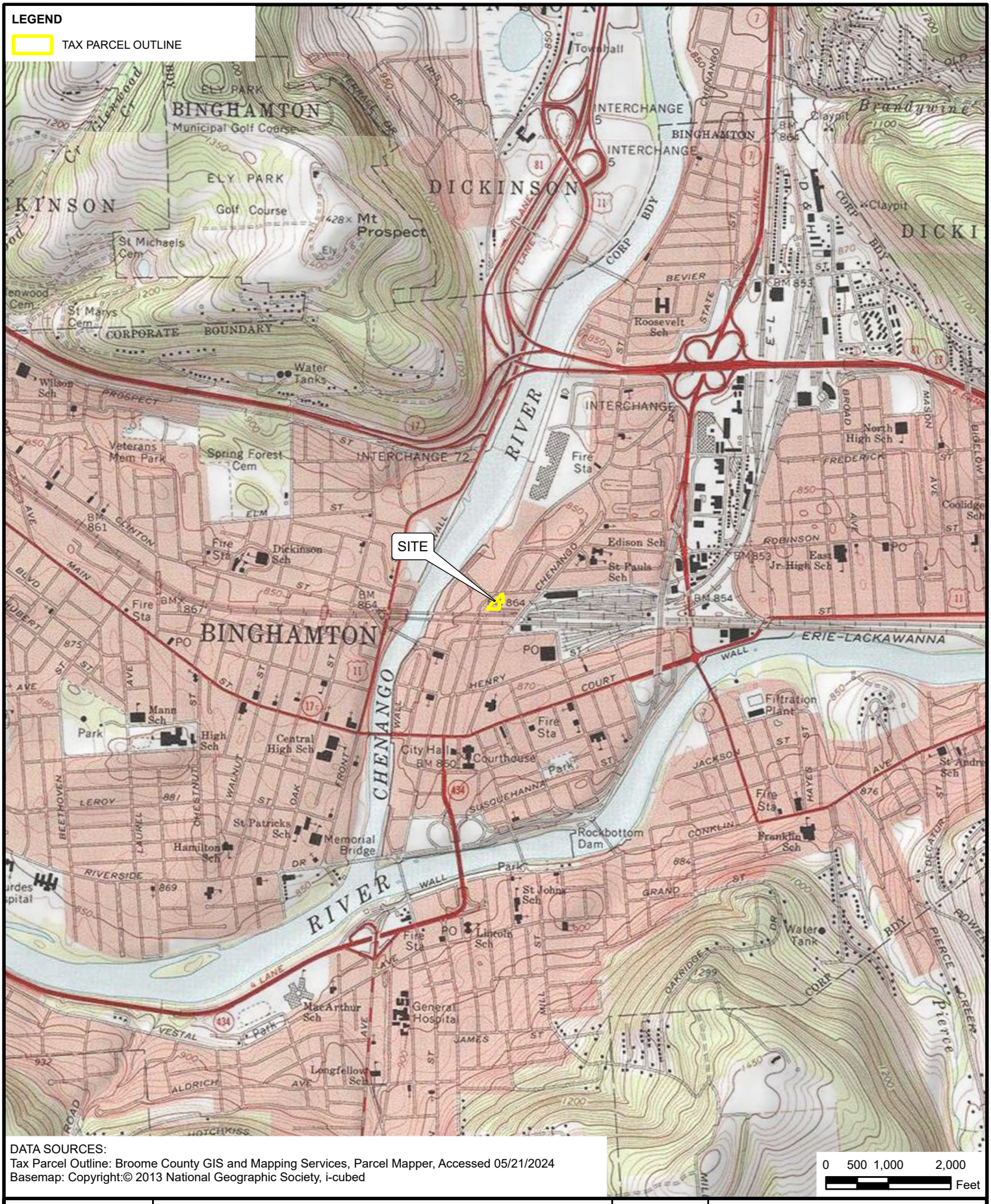
New York State Department of Health Summary of Indoor and Outdoor Levels of Volatile Organic Compounds from Fuel Oil Heated Homes in New York State, 1997-2003.

New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York; Issued October 2006 & subsequent amendments from 2024.

New York Division of Water Technical and Operations Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

New York State Department of Environmental Conservation, Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Program, April 2023.

FIGURES



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Basemap: Copyright:© 2013 National Geographic Society, i-cubed

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Fax: 845.454.2655

SITE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO.	FIGURE 1
20240228	DATE: 1/12/2026
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Basemap: Esri Community Maps Contributors, data.pa.gov, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, New York State, Microsoft, Vantor

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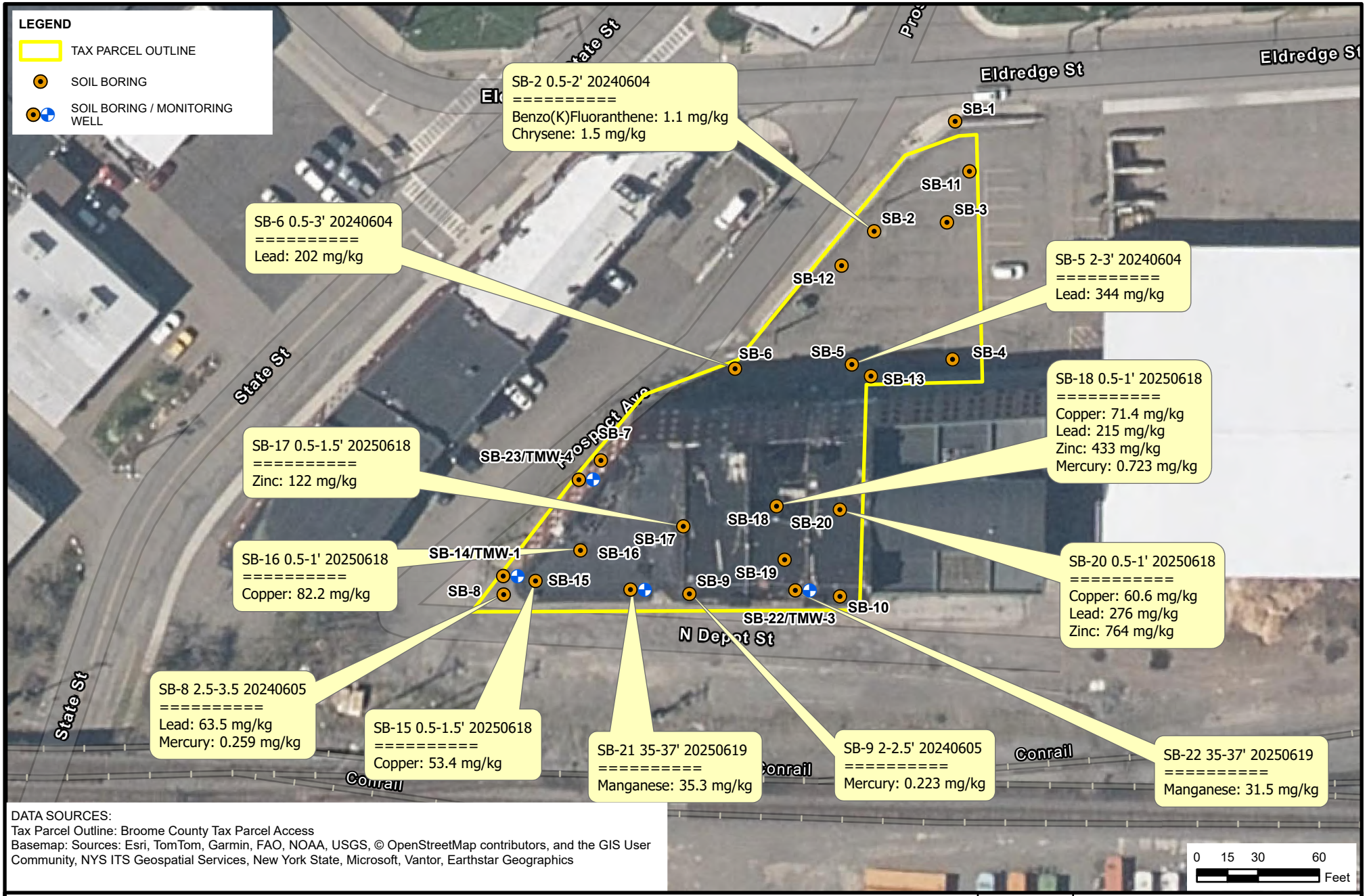
SELECTED SITE FEATURES

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO.	20240228
N	

FIGURE 2

DATE: 02/27/2025
SCALE: AS INDICATED
PROJECTION: STATE PLANE NAD83 NY EAST
ALL LOCATIONS APPROXIMATE



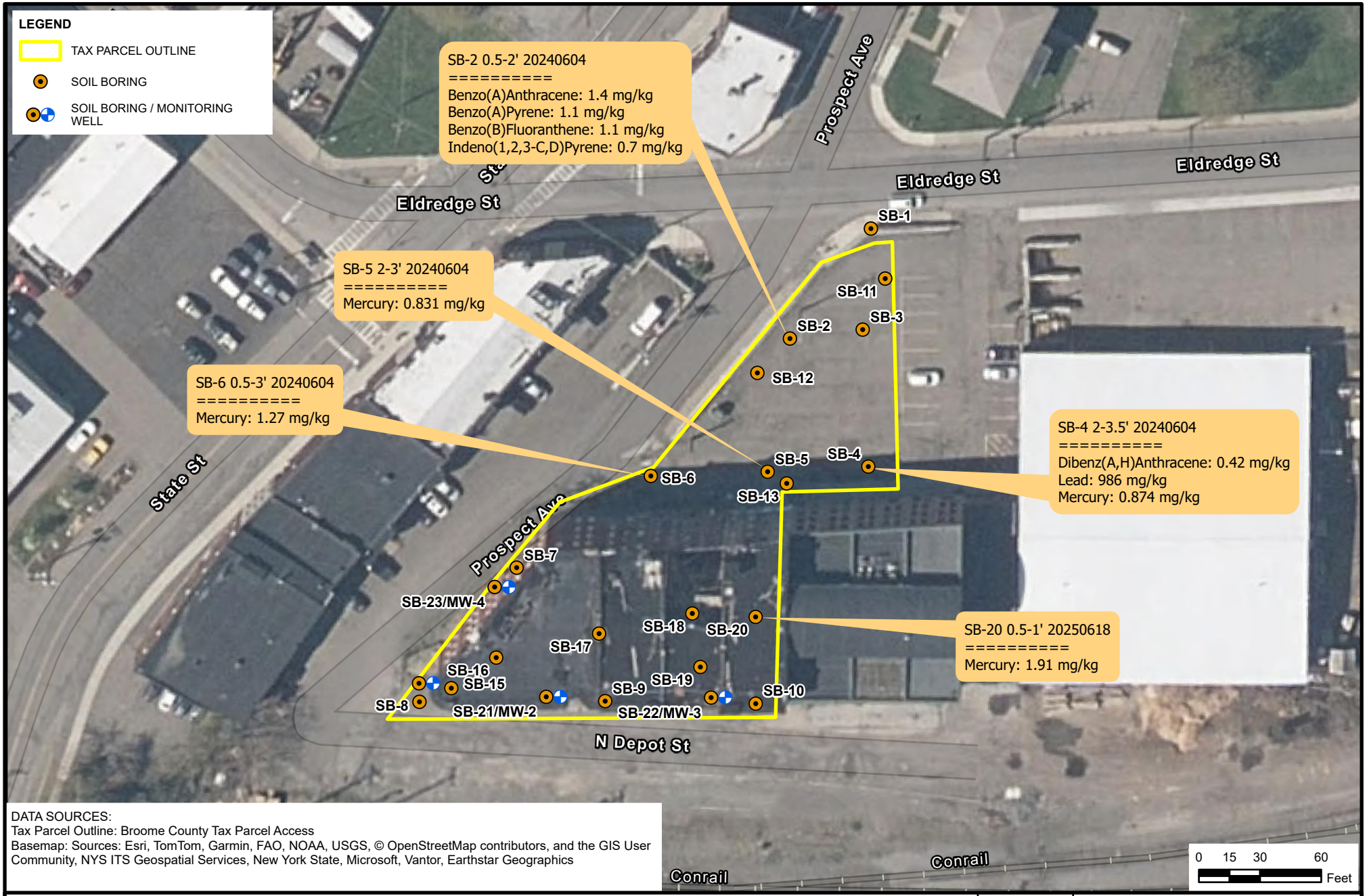
DATA SOURCES:
Tax Parcel Outline: Broome County Tax Parcel Access
Basemap: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NYS ITS Geospatial Services, New York State, Microsoft, Vantor, Earthstar Geographics

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SOIL SAMPLES EXCEEDING UUSCOs

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228	**FIGURE 3A**
	DATE: 01/12/2026
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County Tax Parcel Access
Basemap: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NYS ITS Geospatial Services, New York State, Microsoft, Vantor, Earthstar Geographics

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SOIL SAMPLES EXCEEDING RRSCOs

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228	FIGURE 3B
	DATE: 01/12/2026
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County Tax Parcel Access
Basemap: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NYS ITS Geospatial Services, New York State, Microsoft, Vantor, Vantor

Soil Vapor/Indoor Air Matrix A
May 2017
Analytes Assigned: Trichloroethene (TCE), *cis*-1,2-Dichloroethene (*c*-1,2-DCE), 1,1-Dichloroethene (1,1-DCE), Carbon Tetrachloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m3) < 0.2	0.2 to < 1	1 and above
< 6	1. No Further Action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No Further Action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Soil Vapor/Indoor Air Matrix B
May 2017
Alanytes Assigned: Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA), Methylene Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m3) <3	3 to <10	10 and above
<100	1. No Further Action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGAT
100 to <1,000	4. No Further Action	5. MONITOR	6 MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Soil Vapor/Indoor Air Matrix C
May 2017
Analytes Assigned: Vinyl Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m3) < 0.2	0.2 and above
< 6	1. No Further Action	3. No Further Action
6 to < 60	4. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	9. MITIGATE

Soil Vapor/Indoor Air Matrix D
February 2024
Analytes Assigned: Benzene, Ethylbenzene, Naphthalene, Cyclohexane, Isooctane (2,2,4-Trimethylpentane), 1,2,4-Trimethylbenzene, 1,2,3-Trimethylbenezene, O-Xylene

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m3) < 2	2 to < 10	10 and above
< 60	1. No Further Action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
60 to < 600	4. No Further Action	5. MONITOR	6. MITIGATE
600 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Soil Vapor/Indoor Air Matrix E
February 2024
Analytes Assigned: M-Xylene, P-Xylene, Heptane, Hexane

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m3) < 6	6 to < 20	20 and above
< 200	1. No Further Action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
200 to < 2,000	4. No Further Action	5. MONITOR	6. MITIGATE
2,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

Soil Vapor/Indoor Air Matrix F
February 2024
Analytes Assigned: Toluene

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m3) < 10	10 to < 50	50 and above
< 300	1. No Further Action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
300 to < 3,000	4. No Further Action	5. MONITOR	6. MITIGATE
3,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

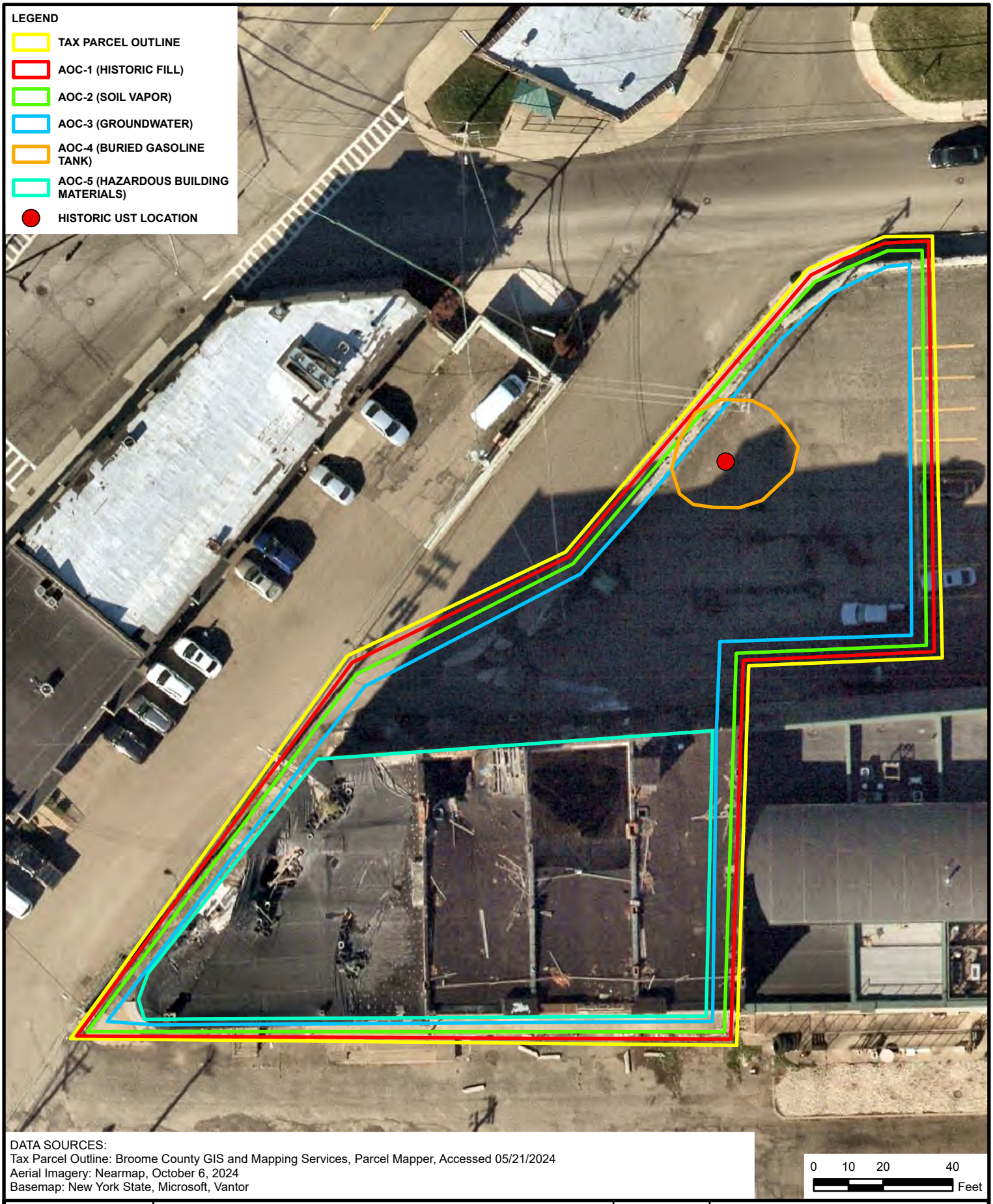
NOTE: Matrices are provided for informational purposes only and are not valid without co-located soil vapor and indoor air samples.

PVEDi
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REGULATED COMPOUND DETECTIONS IN VAPOR SAMPLES

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO.	FIGURE 4
20240228	DATE: 1/12/2026
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Aerial Imagery: Nearmap, October 6, 2024
Basemap: New York State, Microsoft, Vantor

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AREAS OF CONCERN

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

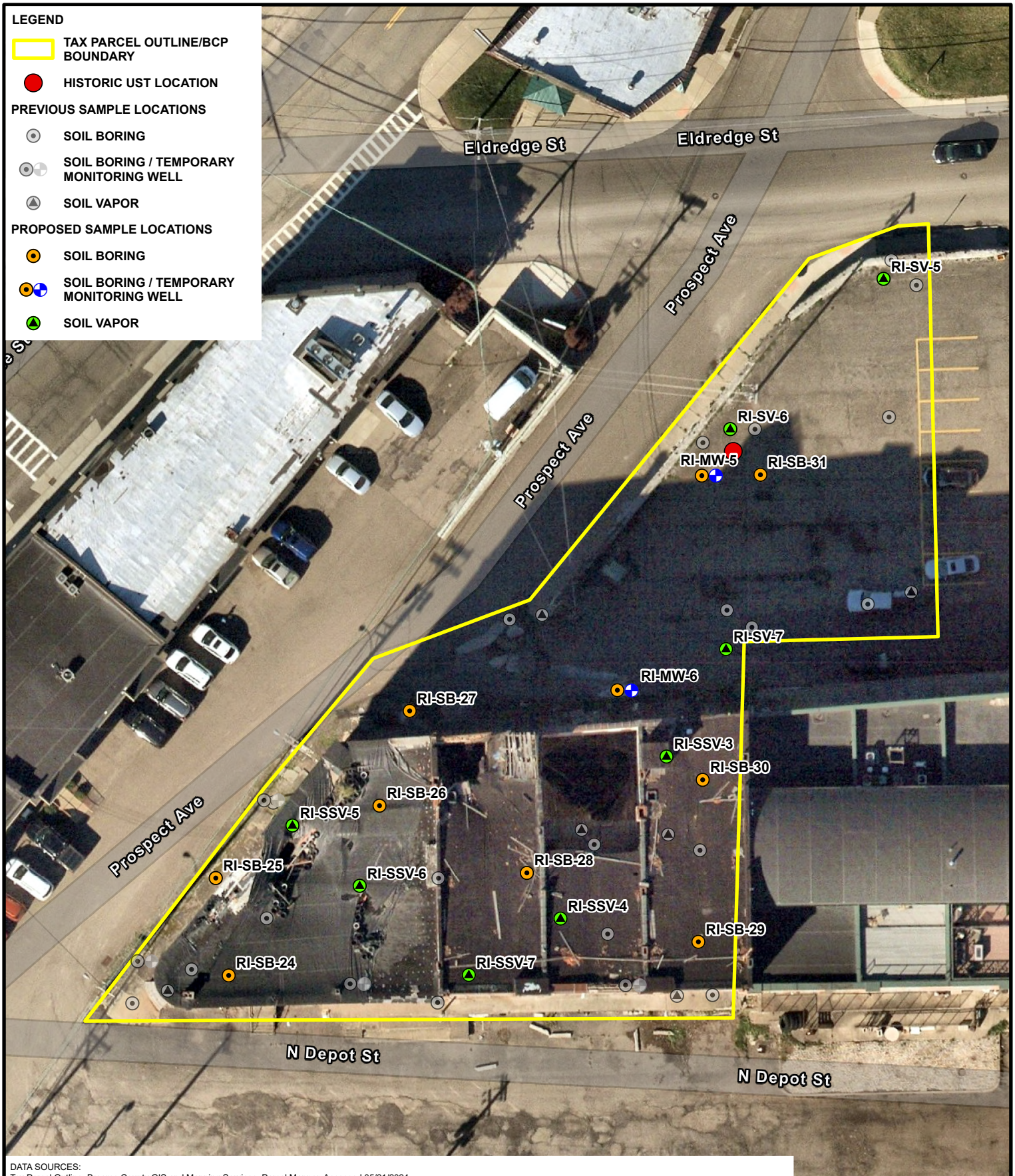
FIGURE 5

DATE: 11/18/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Aerial Imagery: Nearmap, October 6, 2024
Historic UST Location: EDR Lightbox, Sanborn Report Map
Basemap: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

0 13 25 50 Feet

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PROPOSED SAMPLE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

FIGURE 6

DATE: 1/9/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

TABLES

Table 1 - Sample Summary Table
1 North Depot Street, Binghamton, NY
NYSDEC BCP Site #C704064
PVEDI File #20240228

Sample ID	Matrix	Sample Depth/ Notes	ANALYTICAL							QA/QC				Number of Samples per Location	Rationale for Sampling
			TCL VOCs	TCL SVOCs	TAL Metals	TCL Pesticides/Herbicide	TCL PCBs	PFAS & 1,4 Dioxane	TO-15 VOCs	MS	MSD	Field Duplicate	Field Blank		
RI-SB-24	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X	X						1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-25	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X	X						1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-26	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X	X						1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-27	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X	X						1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-28	SO	0-2"		X	X	X	X	X						1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X	X						1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-29	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X							1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-30	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X			X	X	X	X	5	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X	X						1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-31	SO	0-2"		X	X	X	X	X						1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X							1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X							1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-32	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X							1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-SB-33	SO	0-2"		X	X	X	X							1	Identify contaminants in surface soils.
		2-12"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		12-24"	X	X	X	X	X	X						1	Identify contaminants in shallow soils.
		TBD	X	X	X	X	X							1	Identifiy contaminants in soil w/most contamination (PID/visual/olfactory).
		TBD	X	X	X	X	X							1	Identify contaminants at the soil/groundwater interface and/or field observations.
RI-MW-5	GW	TBD	X	X	X	X	X	X						1	Identify contaminants in groundwater.
RI-MW-6	GW	TBD	X	X	X	X	X	X		X	X	X	X	5	Identify contaminants in groundwater.
RI-SSV-3	SSV	TBD							X					1	Identify contaminants in sub-slab vapor.
RI-SSV-4	SSV	TBD							X					1	Identify contaminants in sub-slab vapor.
RI-SSV-5	SSV	TBD							X					1	Identify contaminants in sub-slab vapor.
RI-SSV-6	SSV	TBD							X					1	Identify contaminants in sub-slab vapor.
RI-SSV-7	SSV	TBD							X			X		2	Identify contaminants in sub-slab vapor.
RI-SV-5	SV	TBD							X					1	Identify contaminants in outdoor ambient air.
RI-SV-6	SV	TBD							X			X		2	Identify contaminants in soil vapor.
RI-SV-7	SV	TBD							X					1	Identify contaminants in indoor ambient air.
													Total Soil Samples (including QA/QC)	**54**	
													Total Groundwater Samples (including QA/QC)	**6**	
													Total Vapor Samples (including QA/QC)	**10**	

QA/QC: Consist of Field Duplicate, Matrix Spike/Matrix Spike Duplicate and Field Blank.
MS/MSD: Matrix Spike/Matrix Spike Duplicate. To be analyzed for full list of analytes as parent sample.
Field Duplicate: To be analyzed for full list of parameters as parent sample.
Field Blank: To be analyzed for full list of parameters as parent sample.
Emerging Contaminants: 1,4-Dioxane and Per- & Polyfluoroalkyl Substances (PFAS).
One trip blank will be analyzed per shipment for Part TCL VOCs only.
Sample depths described above are not final. Final sample collection depths will be based upon findings in the field.
SO: Soil
GW: Groundwater
SV: Soil Vapor
SSV: Sub-slab vapor

APPENDIX A
QUALITY ASSURANCE PROJECT PLAN

NYSDEC BROWNFIELD CLEANUP PROGRAM
QUALITY ASSURANCE PROJECT PLAN

1 NORTH DEPOT
NYSDEC SITE #C704064
1 NORTH DEPOT STREET
CITY OF BINGHAMTON, BROOME COUNTY, NEW YORK

PREPARED FOR:

Residences at North Depot LLC
1055 Saw Mill River Road #204
Ardsley, New York 10502
Phone: 914-693-6613 – Fax: 914-693-1282

PREPARED BY:

PVEDI Engineering, Architecture and Geology, D.P.C.
48 Springside Avenue
Poughkeepsie, New York 12603
Phone: 845-454-2544 – Fax: 845-454-2655

November 2025
PVEDI File #20240228

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Table 1 (embedded) - Laboratory Analytical Methods for Field Samples

FIGURES

Figure 1 – Proposed Sample Locations Maps

ATTACHMENTS

Attachment A - Resumes for Project Team

1.0 INTRODUCTION

This Quality Assurance Project Plan (QAPP) describes the protocols and procedures that will be followed during implementation of Remedial Investigation (RI) at 1 North Depot Street, City of Binghamton, Broome County, New York. The objective of the QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling and remedial activities conducted at the Site by PVEDI. Adherence to the QAPP will ensure that defensible data will be obtained during the investigation and remediation.

If any changes are made to the QAPP, these changes will be submitted to the appropriate parties and referenced in all reports.

2.0 PROJECT TEAM

The project team will be drawn from PVEDI professional and technical personnel and PVEDI's subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and updated 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 CFR Part 1910. The following sections describe the key project personnel and their responsibilities.

2.1 PROJECT DIRECTOR

The project director will be responsible for the general oversight of all aspects of the project, including scheduling, budgeting, data management, and decision-making regarding the field program. The project director will communicate regularly with all members of the PVEDI project team and the New York State Department of Environmental Conservation (NYSDEC) to ensure a smooth flow of information between involved parties. Conor Tarbell will serve as the project director for the RA; his resume is included in Attachment A.

2.2 ASSISTANT PROJECT MANAGER

The Assistant Project Manager will be responsible for directing and coordinating all elements of fieldwork. They will prepare reports and participate in meetings with the Site owner and/or the NYSDEC. Samuel Ambrose will serve as the Assistant Project Manager.

2.3 FIELD TEAM LEADER

The field team leader will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the HASP. This person(s) will report to the Assistant Project Manager on a regular basis regarding daily progress and any deviations from approved plans. The field team leader will be a qualified, responsible person, able to act professionally and promptly during soil disturbing activities. Other PVEDI staff, as assigned will be field team leaders for fieldwork.

2.4 PROJECT QUALITY ASSURANCE/QUALITY CONTROL OFFICER

The Quality Assurance/Quality Control (QA/QC) Officer will be responsible for adherence to the QAPP. They will review the procedures with all personnel prior to commencing any fieldwork and will assess implementation of the required procedures. John Conrad will serve as the QA/QC officer.

2.5 LABORATORY QUALITY ASSURANCE/QUALITY CONTROL OFFICER

The laboratory QA/QC officer will be responsible for quality control procedures and checks in the laboratory and ensuring adherence to laboratory protocols. He/she will track the movement of samples from the time they are checked in at the laboratory to the time that analytical results are issued. He/she will conduct a final check on the analytical calculations and sign off on the laboratory reports. The laboratory QA/QC officer will be determined upon selection of a contract laboratory(s) for the work.

2.6 QUALITY ASSURANCE OBJECTIVES FOR MEASUREMENT DATA

The overall objectives and criteria for assuring quality for this effort are discussed below. This QAPP addresses how the acquisition and handling of samples and the review and reporting of data will be documented. The objectives of this QAPP are to address the following:

- The procedures to be used to collect, preserve, package, and transport soil, groundwater, and soil vapor samples
- Field data collection
- Record keeping
- Data management
- Chain-of-custody procedures
- Precision, accuracy, completeness, representativeness, decision rules, comparability, and level of quality control effort conformance for sample analysis and data management by the laboratory under EPA analytical met

3.0 STANDARD OPERATING PROCEDURES

The following sections describe the standard operating procedures (SOPs) for the investigative activities. During operations, safety monitoring will be performed as described in the project Health and Safety Plan (HASP) and all field personnel will wear appropriate personal protective equipment (PPE). Remedial Activities will include monitoring well decommissioning, soil excavating, post excavation confirmatory sampling, and soil vapor mitigation installation. PVEDI's proposed scope is summarized below:

- Installation of ten (10) soil borings for the purposes of collection and analysis of soil samples from four (4) discrete soil sample intervals per respective soil boring.
- Installation of two (2) groundwater monitoring wells for the purposes of collection and analysis of groundwater samples.

- Installation of three (3) soil vapor implants, three (3) co-located ambient air samples, and one (1) outdoor ambient air sample for the purposes of collection and analysis of vapor and ambient air samples.

3.1 SOIL SAMPLING

3.1.1 Soil Borings and Surface Soil Sampling

Soil borings and surface soil sampling will be completed to characterize shallow (0 – 2-inches below vegetative cover), and deeper subsurface soils to collect soil samples for laboratory analysis. Figures in the Work Plan depict the proposed soil boring locations.

Surface soil samples will be collected using hand tools, or direct-push drilling rig. Soil borings will be drilled using a truck- or track-mounted direct-push drilling rig. Continuous soil samples will be collected by driving a macrocore sampling tube into the subsurface at five-foot intervals until the target depth. A PVC liner fitted within the macrocore sampler will be removed after each sampling interval and cut lengthwise to access the soil sample for logging, screening, and laboratory sampling.

Logging will consist of: Describing the soil according to the Unified Soil Classification System; describing any evidence of contamination (e.g., non-aqueous phase liquid (NAPL), staining, sheens, odors); and screening for organic vapors using a photoionization detector (PID).

Samples selected for laboratory analysis will be biased towards intervals containing urban fill material or other evidence of contamination (e.g., staining, odors, elevated PID readings).

The soil samples designated for analysis will be collected into laboratory-supplied containers, sealed and labeled, and placed in an ice-filled cooler. Proposed soil samples and analyses are described in the “Sample Summary Table” of the Work Plan. The samples will be analyzed in a laboratory following New York State Department of Health (NYSDOH) Analytical Services Protocol (ASP) Category B deliverables.

3.1.2 Restoration

Upon completion of probing/drilling, each boring will be filled to the near grade surface with either the drill cuttings or a cement/bentonite grout mixture (if gross contamination is identified). Soil borings filled with soil cuttings will be completed to ground surface using drilling sand, if necessary. The borings will be patched with the appropriate materials (e.g., asphalt or concrete patch), depending on the original finish.

3.2 MONITORING WELL INSTALLATION

Monitoring wells boreholes will be installed using one of two (2) methods: Direct-push drilling rig or conventional drilling rig (hollow-stem augers).

Depth of groundwater monitoring wells will be determined based on field conditions. The proposed monitoring well locations are depicted on figures presented in the Work Plan.

Permanent monitoring wells will be constructed of 2-inch I.D. PVC well materials. The slotted well screen will straddle the water table, with the majority of the screen for each well extending below the groundwater interface. Above the well screen, solid PVC tubing will be installed to the surface. A sand filter pack will be installed within the annular space between the PVC and borehole from the bottom of the well to one foot above the top of the slotted screen. The remaining annular space will be filled to the surface with bentonite. Surface casing will be installed to anchor the top of the well and to prevent infiltration of surface water along the outer annulus of the well. Sand filter packs, bentonite seals, and well materials will conform to NYSDEC/USEPA specifications.

Each monitoring well will be developed to remove suspended sediment and establish connectivity between the monitoring well and the surrounding formation. Wells will be developed by surging and purging water in the well column using a small-diameter submersible pump (Whale-brand, or similar). Physical water quality parameters (temperature, pH, and conductivity at a minimum) will be monitored until stabilized, and a minimum of three (3) well-volumes of the standing water column have been removed.

3.3 SOIL VAPOR IMPLANT INSTALLATION

A vapor intrusion investigation will be conducted in accordance with NYSDOH Guidance for Evaluating Vapor Intrusion in the State of New York, October 2006, and subsequent amendments (2017 & 2024). If groundwater is found to be present directly beneath the asphalt or grassy areas, then alternative sample locations will be chosen in the field.

Soil vapor sample points will be installed through the structural slab in accordance with NYSDOH Guidance. Soil vapor implants will be installed using a hammer-drill and 5/8-inch drill bit. Vapor probes would be installed below the slab elevation and sealed at the surface with a non-VOC emitting clay to prevent sample cross contamination.

A tracer gas (helium) test will be conducted to ensure a proper seal around the sampling port and to confirm sample integrity for each sub-slab vapor sample. Sub-slab vapor samples will be collected into laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling period of 2-hours and at a flow rate not to exceed 0.2 L/minute. Sub-slab vapor samples will be installed to 2 - 3-inches below the slab and will be calibrated for a sampling period of 2-hours. Prior to sub-slab soil vapor sample collection, one (1) to three (3) volumes of soil vapor will be purged from the sample port at a flow rate not to exceed 0.2 L/minute. No indoor air samples are proposed during this investigation as no inhabitable indoor space currently exists on the site.

Soil vapor samples and analyses are described in the “Sample Summary Table” of the Work Plan. The samples will be analyzed in a laboratory following NYSDOH ASP Category B deliverables.

3.4 DECONTAMINATION OF SAMPLING EQUIPMENT

All non-disposable sampling equipment (Geoprobe rods, macrocore samplers, sampling spoons, etc.) will be either dedicated or decontaminated between sampling locations. Decontamination methods will be conducted in accordance with NYSDEC Guidelines for Sampling and Analysis of PFAS, April 2023.

3.5 MANAGEMENT OF INVESTIGATION DERIVED WASTE

Decontamination fluids will be containerized and staged near the point of generation and will be properly disposed of based on laboratory results. If free of visible contamination, disposable personal protective equipment (PPE) and sampling equipment (scoops, gloves, rope, etc.) will be placed in heavy-duty plastic bags and disposed of properly as general refuse.

4.0 SAMPLING AND LABORATORY PROCEDURES

All sampling, decontamination, laboratory analysis and data review will be conducted in accordance with NYSDEC Guidelines for Sampling and Analysis of PFAS, April 2023.

4.1 SOIL SAMPLING

Soil sampling will be conducted according to the following procedures:

- Characterize the sample according to the modified Unified soil classification system.
- Field screening for evidence of contamination (e.g., odors, staining, elevated PID measurements). Create small holes in the core at one-foot intervals using a sampling spoon (or similar) and place the PID probe in the hole to obtain an organic vapor concentration measurement.
- After selecting which samples will be analyzed in the laboratory, fill the required laboratory-supplied sample jars with the soil from the selected sampling location, eliminating headspace as much as possible. Seal and label the sample jars in accordance with this QAPP and place in an ice-filled cooler.
- Decontaminate any soil sampling equipment between sample locations in accordance with this QAPP.
- Record boring number, sample depth, and sample observations (evidence of contamination, PID readings, soil classification) in field logbook and boring log data sheet, if applicable.

4.2 GROUNDWATER SAMPLING

Unless otherwise noted, groundwater samples will be collected using low-flow (minimal drawdown) purge techniques with dedicated tubing and a peristaltic pump.

Acceptable materials for sampling include: stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers tape and sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- Stainless steel inertia pump with HDPE tubing.
- Peristaltic pump equipped with HDPE tubing and silicone tubing.
- Stainless steel bailer with stainless steel ball.
- Bladder pump (identified as PFAS-free) with HDPE tubing.

The following procedure will be used:

- Open each well, measure the depth to water and gauge the well for any non-aqueous phase liquids (NAPL) using standard tools. NAPL thickness will be recorded in the field notebook.
- Insert dedicated tubing into the monitoring well at the approximate middle of the screened interval.
- Connect tubing to the peristaltic pump and flow-through cell. Insert the Troll 9500 into the flow-through cell. Connect the Troll 9500 to the Rugged Reader (hand-held PC).
- Enter monitoring well construction details of the well to be sampled into the Rugged Reader well development file. The file calculates the interval at which readings will be collected based on well construction.
- Begin pumping the well and collecting data after the flow-through cell fills with water.
- Collect data until physical groundwater parameters (e.g., temperature, pH, conductivity, dissolved oxygen) have stabilized to values with less than 10% change along with turbidity values below 50 NTUs for three consecutive readings.
- Sampling personnel should don new nitrile gloves prior to sample collection due to the potential to contact PFAS containing items (not related to the sampling equipment) during the purging activities.
- Collect groundwater samples from dedicated tubing immediately after the peristaltic pump and as specified in the scope of work.

4.3 SOIL VAPOR SAMPLING

Soil vapor sampling will be conducted according to the following procedures:

- Purge the installed vapor port with a PID or peristaltic pump at a flow rate not to exceed 0.2 L/minute. Purge time determined based on volume of air in tubing (diameter and length.

Follow directions/calculations on PVEDI purge sheet to determine appropriate purge time. Note any elevated PID measurements during purge.

- Following purge, connect laboratory provided summa cannister to sample port tubing. Connection to summa canister may vary based on laboratory but in general will consist of compression fitting and ½-inch nut.
- When sample port tubing is secure in cannister connection, open summa cannister valve to start sample collection and record starting vacuum of can (typically ~30-inches HG).
- Record sample collection start time, starting vacuum, cannister ID and flow valve ID in PVEDI vapor log sheet.
- Periodically check on sample cannister noting vacuum changes.
- When vacuum is between 1-4-inches HG, turn the cannister valve to the closed position, ending the sampling period. Record final vacuum and end sample time in PVEDI vapor log sheet.
- Remove tubing from compression fitting of canister. Plug sample port tubing.

4.4 LABORATORY METHODS

Table 1 summarizes the laboratory methods that will be used to analyze field samples as well as the sample container type, preservation, and applicable holding times. York Analytical Laboratories, Inc., a NYSDOH Environmental Laboratory Approval Program (ELAP) Certified laboratory (Certifications #10854 & 12058), will be used for all chemical analyses in accordance with DER-10 2.1(b) and 2.1(f), including Category B Deliverables.

In addition to the site characterization samples (soil, groundwater, & soil vapor) collected, QAQC samples will be collected at a frequency of one (1) in twenty (20) samples. A total of two (2) matrix spike/matrix spike duplicate (MS/MSD) soil samples, two (2) field blank soil samples, two (2) field duplicate soil samples, one (1) MS/MSD groundwater sample, one (1) field duplicate groundwater sample, one (1) field blank groundwater sample, and one (1) field duplicate soil vapor sample analyzed for the compounds listed below in addition to one (1) trip blank to be analyzed for VOCs per shipment. One (1) duplicate soil vapor sample will be collected.

Table 1 Laboratory Analytical Methods for Analysis Groups

Matrix	Analysis	EPA Method	Bottle Tyle	Preservative	Hold Time
Soils (44 total samples including 4 QAQC)	TCL VOCs	8260C	5035 Encore Samplers	Methanol & Distilled Water - 4 deg. C.	48 hours
	TCL SVOCs	8270D	4 oz. jar	4 deg. C.	14 days
	TAL Metals	6010C	4 oz. jar	4 deg. C.	180 days
	Mercury	7471B	4 oz. jar	4 deg. C.	28 days
	Hexavalent Chromium	7196	2 oz. jar	4 deg. C.	28 days
	Cyanide	4500	2 oz. jar	4 deg. C.	14 days
	TCL Pesticides	8081B	8 oz. jar	4 deg. C.	14 days

	TCL Herbicides	8051A	8 oz. jar	4 deg. C.	14 days
	TCL PCBs	8082A	4 oz. jar	4 deg. C.	14 days
	1,4-Dioxane	8270D SIM	4 oz. jar	4 deg. C.	14 days
	PFAS	1633	250 mL HDPE container	4 deg. C.	28 days
Groundwater (6 total samples including 4 QAQC)	TCL VOCs	8260C (inc. TICS)	3 VOA vials	HCL - 4 deg. C.	14 days
	TCL SVOCs	8270D (inc. TICS)	1-liter amber jar	4 deg. C.	7 days
	TAL Metals	6010C	250 mL plastic container	HNO3 - 4 deg. C.	180 days
	Mercury	7471B	250 mL plastic container	HNO3 - 4 deg. C.	28 days
	Hexavalent Chromium	7196	2 oz. jar	4 deg. C.	28 days
	Cyanide	4500	2 oz. jar	4 deg. C.	14 days
	TCL Pesticides	608	1-liter amber jar	4 deg. C.	7 days to extraction/ 40 days following extraction
	TCL Herbicides	8051A	1-liter amber jar	4 deg. C.	14 days
	TCL PCBs	608	1-liter amber jar	4 deg. C.	14 days
	PFAS	1633	250 mL HDPE container	4 deg. C.	14 days to extraction/ 28 days following extraction
	1,4 Dioxane	8270D SIM	1-liter amber jar	4 deg. C.	7 days to extraction/ 40 days following extraction
Soil Vapor Samples (9 total samples including 1 QAQC)	TO-15 VOCs	TO-15	2-liter Summa Cannister	N/A	28 days

Laboratory reporting limits will be low enough to compare data to the unrestricted-use soil cleanup objective (UUSCO) as defined in 6 NYCRR Part 375.

4.5 QUALITY CONTROL SAMPLING

In addition to the laboratory analysis of the investigative soil samples, additional analyses will be included for quality control measures, as required by the Category B sampling techniques. These samples will include field blanks, trip blanks, matrix spike/matrix spike duplicates (MS/MSD), and duplicate/blind duplicate samples at a frequency of one sample per 20 field samples collected. The "Sample Summary Table" in the Work Plan provides a summary of the field samples and QA/QC samples to be analyzed by the laboratory.

4.6 SAMPLE HANDLING

4.6.1 Sample Labeling and Shipping

All sample containers will be provided with labels containing the following information:

- Project identification
- Sample identification
- Date and time of collection
- Analysis(es) to be performed

Once the samples are collected and labeled, they will be placed on ice in coolers. The samples will be shipped with chain-of-custody (COC) forms. Samples will be shipped overnight (e.g., Federal Express) or transported by a laboratory courier.

4.6.2 Sample Custody

Field personnel will be responsible for maintaining the sample coolers in a secured location until they are picked up and/or sent to the laboratory. The record of possession of samples from the time they are obtained in the field to the time they are delivered to the laboratory or shipped off-site will be documented on COC forms. The COC forms will contain the following information: project name; names of sampling personnel; sample number; date and time of collection and matrix; and signatures of individuals involved in sample transfer, and the dates and times of transfers.

4.7 FIELD INSTRUMENTATION

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file for referencing proper operation, maintenance and calibration procedures.

4.8 DATA REVIEW

In accordance with DER-10, each of the samples collected as part of the RI will undergo a third-party data review process to ensure the usability of the data collected. Kenneth Applin R. Applin Ph.D. and Michael Perry of Environmental Data Usability (See Resumes in Attachment A) will be contracted for the preparation of Data usability summary reports (DUSR) documenting any issues with QA/QC will be prepared and included in the RI Report.

4.8.1 Data Usability Evaluation

Data usability evaluation procedures shall be performed for both field and laboratory operations as described below.

4.8.2 Procedures Used to Evaluate Field Data Usability

Procedures to validate field data for this project will be facilitated by adherence to the plan outlined in the QAPP. The performance of all field activities, checking for transcription errors and review of field logbooks is the responsibility of the Field Team Leader.

4.8.3 Procedures Used to Evaluate Laboratory Data Usability

Data evaluation will be performed by the third-party data validator using the most current methods and quality control criteria from the USEPA's Contract Laboratory Program (CLP) *National Functional Guidelines for Organic Data Review* (Ref. 8), and Contract Laboratory Program*, National Functional Guidelines for Inorganic Data Review* (Ref. 9). The data review guidance will be used only to the extent that it is applicable to the SW-846 methods; SW-846 methodologies will be followed primarily and given preference over CLP when differences occur. Also, results of blanks, surrogate spikes, MS/MSDs, and laboratory control samples will be reviewed/ evaluated by the data validator. All sample analytical data for each sample matrix shall be evaluated. The third-party data validation expert will also evaluate the overall completeness of the data package. Completeness checks will be administered on all data to determine whether deliverables specified in this QAPP are present. The reviewer will determine whether all required items are present and request copies of missing deliverables.

FIGURES



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Aerial Imagery: Nearmap, October 6, 2024
Historic UST Location: EDR Lightbox, Sanborn Report Map
Basemap: Esri Community Maps Contributors, data.pa.gov, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

0 13 25 50 Feet

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

PROPOSED SAMPLE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

FIGURE 1

DATE: 11/18/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

RESUMES

CHRISTOPHER B. BROWN, PG

Principal / Chief Operating Officer

cbrown@pve-llc.com
860-522-3970



ABOUT

As PVE's COO, Chris manages the firm's operations across all PVE locations. He implements organizational structure and develops strategic initiatives that enhance operational efficiencies throughout all divisions.

Chris is also the Director of Environmental Services, a role he has held since the company's 2011 merger with the former Hudson Valley-based Conrad Geoscience Corp. he co-founded in 1996. He has conducted and supervised the investigation and remediation of state- and federally-listed hazardous waste sites, brownfields, petroleum spills, landfills, and a variety of contaminated residential, commercial, and industrial sites.

Chris oversees the firm's environmental due diligence services for real estate transactions and has participated in hundreds of real estate transactions. He also has worked on geologic characterization projects for Class II, V and VI injection wells. His skills as a consultant on complex and sometimes contentious matters have earned him the trust and respect of clients, regulatory agencies and the PVE team.

PROFESSIONAL PRACTICE AREAS

- Brownfield Site Assessments
- Conceptual Site Modeling / Contaminant Fate and Transport
- Due Diligence Assessments
- Geologic Evaluations
- NYSDEC and NYCOER Regulatory Programs
- Permitting and Regulatory Compliance
- Remedial Actions
- Subsurface Investigations

EDUCATION

Binghamton University
Master of Science, Geology

Colgate University
Bachelor of Arts, Geology

LICENSES & CERTIFICATIONS

Professional Geologist: New York

American Institute of Professional Geologists, CPG

AFFILIATIONS

American Institute of Professional Geologists, Board Member

Habitat for Humanity of Dutchess County: President Emeritus (2023), President (2017-2022)

National Groundwater Association

New York Council of Professional Geologists

TENURE

PVE: Since 2011

Prior Experience: 17 Years

CONOR TARBELL, QEP

Principal / Regional Director
Environmental Services

ctarbell@pve-llc.com
O: 845-454-2544 Ext. 311 M: 607-226-2764



ABOUT

As a Principal and Regional Director of Environmental Services at the Hudson Valley office, Conor oversees his team and provides comprehensive environmental consulting services, including Phase I and II ESAs, soil vapor intrusion investigations, remediation, affordable housing, hazardous building materials surveys in support of affordable housing projects, communication and correspondence with regulatory agencies and customer relations/business development.

Conor specializes in managing Brownfield redevelopment projects, including the preparation, negotiation and implementation of remedial investigation and remedial action work plans. These work plans can consist of soil and groundwater sampling, vapor/air monitoring, and remedial design, including in-situ groundwater treatment and vapor mitigation/extraction. Conor led the firm's initiative to purchase a direct-push drilling rig and tooling for use on environmental projects.

PROFESSIONAL PRACTICE AREAS

- Affordable Housing Hazardous Building Material Surveys
- Brownfield Redevelopment Project Management
- Phase I and II ESAs
- Remediation
- Remedial Action Work Plans, including Preparation, Negotiation and Implementation
- Remedial Design, including In-Situ Groundwater Treatment
- Remedial Investigations
- Soil and Groundwater Sampling
- Soil Vapor Intrusion Investigations
- Vapor / Air Monitoring
- Vapor Mitigation/Extraction

PUBLICATIONS

Tarbell C, Podolec A.; State University College at Oneonta, 2012 Student Research and Creative Activity Day; "Southwestern United States Drought Case Study: Lake Mead.", April 18, 2012.

EDUCATION

State University of New York at Oneonta

Bachelor of Science, Environmental Science

LICENSES & CERTIFICATIONS

Certified USEPA Lead Based Paint Inspector

Federal Aviation Administration Certified Small Unmanned Aircraft System Remote Pilot

Global EHS Credentialing; Qualified Environmental Professional (QEP), Board Member

New York City Office of Environmental Remediation Gold Certified Professional

OSHA 30-HR Hazard Recognition Training for the Construction Industry

OSHA 40-HR Hazardous Waste Operations and Emergency Response Health and Safety Training

AFFILIATIONS

Americorps Volunteer

National Groundwater Association Member

TENURE

PVE: Since 2013

SAMUEL AMBROSE, PG

Project Manager
Environmental Services

sambrose@pve-llc.com
845-454-2544



ABOUT

Sam is an experienced geologist with a strong background in field investigations, including soil, surface and groundwater sampling, geologic logging, stream assessment, monitoring, and mitigation of mine subsidence-related impacts. As Project Manager, his responsibilities include proposal writing, budgeting, coordination with subcontractors, correspondence with regulatory agencies, data management, reporting, and customer relations. Sam is also responsible for performing site inspections and providing peer reviews of Phase I and II Environmental Site Assessments.

PROFESSIONAL PRACTICE AREAS

- Data Collection and Analysis
- Drilling Oversight
- Environmental Compliance
- Environmental Sampling
- Field Investigations
- Field Planning Prep Work
- Health and Safety Planning
- Indoor Air Sampling
- Phase I & II Environmental Site Assessments
- Project Management
- Site Inspections
- Soil and Groundwater Sampling
- Soil Boring Classification
- Sub-slab Sampling
- Vapor/Air Monitoring
- Water Sampling
- Well Abandonment Oversight
- Well Development

EDUCATION

California University of Pennsylvania
Bachelor of Science, Geology

State University of New York, Buffalo
Geology Field Camp

LICENSES & CERTIFICATIONS

Professional Geologist in New York and Pennsylvania

MSHA 24-HR New Miner Surface

OSHA 30-HR Hazard Recognition Training for the Construction Industry

OSHA 40-HR Hazardous Waste Operations and Emergency Response Health and Safety Training

AFFILIATIONS

New York State Council of Professional Geologists (NYSCPG)

TENURE

PVE: Since 2018

Prior Experience: 5 Years

TREVOR TREGLIA

Assistant Project Manager
Environmental Services

ttreglia@pvedi-ae.com
O: 845-454 2544 M: 914-943-2606



ABOUT

Trevor is an experienced assistant project manager with a broad-based knowledge of field investigations, including soil, surface and groundwater sampling, and vapor/air monitoring. His responsibilities include field sampling, coordination with subcontractors, correspondence with regulatory agencies, data management, including tabulation and comparison to regulatory standards, reporting, and customer relations. Trevor is also responsible for assembling information, site inspections, and completing Phase I and II Environmental Site Assessments, including all associated reporting.

PROFESSIONAL PRACTICE AREAS

- Collects Analysis of Soil Gathered Samples
- Conducts Site Visits
- Groundwater Samples
- Historical Research of Properties
- Indoor Ambient Air Samples
- Monitoring of Landfill Gases and Leachate
- Phase I and II Environmental Site Assessments
- Sub-Slab Soil Vapor Samples

EDUCATION

SUNY Environmental Science and Forestry
Bachelor of Science, Environmental Science

LICENSES & CERTIFICATIONS

CPR/AED Certified

First Aid Certified

OSHA 40-HR Hazardous Waste Operations and Emergency Response Health & Safety Training

OSHA 30-HR Hazard Recognition Training for the Construction Industry

Radon Measurement Professional Certification

TENURE

PVEDI: Since 2019

ANTHONY SPADAVECCHIA

Scientist
Environmental Services

aspadavecchia@pve-llc.com
O: 845-454-2544 ext. 304 M: 845-667-4354



ABOUT

Anthony is an experienced environmental Scientist with a strong background in environmental consulting services. His responsibilities include Phase I and II Environmental Site Assessments (ESAs), conducting the investigation and remediation of brownfield sites, petroleum spills, landfills and correspondence with regulatory agencies, soil vapor intrusion investigations, data management and reporting.

PROFESSIONAL PRACTICE AREAS

- Brownfield Site Assessments
- Community Air Monitoring Program
- Environmental Compliance
- Lead Based Paint Clearance Assessments
- Lead in Drinking Water Assessments
- Mold Assessments
- Phase I and Phase II ESAs
- Radon Assessments
- Remediation
- Soil Boring Classification
- Soil Sampling and Groundwater Monitoring
- Soil Vapor Intrusion Investigations
- Well Decommissioning Oversight
- Well Development

EDUCATION

State University of New York at Buffalo
Bachelor of Arts, Environmental Science

LICENSES & CERTIFICATIONS

OSHA 40-HR Hazardous Waste Operations and Emergency Response Health and Safety Training

OSHA 30-HR Hazard Recognition Training for the Construction Industry

New York State Licensed Mold Assessor

Certified USEPA Lead Based Paint Inspector

Adult and Pediatric First Aid/CPR/AED

TENURE

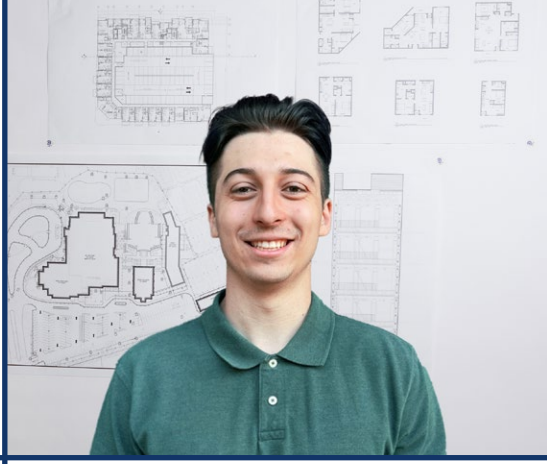
PVE: Since 2015

Prior Experience: 10+ Years

AARON RUBINSTEIN, GIT

Geologist I
Environmental Services

arubinstein@pvedi-ae.com
845-454-2544



ABOUT

As Geologist I, Aaron's responsibilities include assisting on projects relating to Phase I & Phase II Environmental Site Assessments. In addition, Aaron assists environmental staff in conducting fieldwork including sample collection (soil, groundwater, & soil vapor), sample delivery, and documenting sampling procedures. He also helps review analytical data, assemble tables and figures, and prepare report recommendations.

PROFESSIONAL PRACTICE AREAS

- ArcGIS
- Data Collection and Analysis
- Environmental Sampling
- Geoprobe 54DT
- Phase I & Phase II Environmental Site Assessments
- Soil and Groundwater Sampling
- Soil Boring Classification
- Stream Assessments
- Trimble GPS
- UAS Post-Processing
- Vapor/Air Monitoring

EDUCATION

State University of New York at New Paltz
Bachelor of Science in Geology

LICENSES & CERTIFICATIONS

OSHA 10-HR Hazard Recognition Training for the Construction Industry

OSHA 40-HR Hazardous Waste Operations and Emergency Response Health and Safety Training

TENURE

PVEDI: Since 2024

Prior Experience: 1 Year

KEN ATKINS

Environmental Technician

katkins@pve-llc.com
845-454-2544 ext. 313

ABOUT

Ken is an experienced Environmental Technician with broad-based knowledge of inspections and environmental compliance on various types of projects. He is responsible for project scoping, coordination and oversight of subcontractors, correspondence with regulatory agencies, data management, reporting and customer relations. Ken also has experience working on a hazardous materials response team and has responded to spills and completed clean up and restoration of affected areas.

PROFESSIONAL PRACTICE AREAS

- Drilling Oversight
- Field Investigations
- Phase I & II Environmental Site Assessments
- Site Inspections
- Water Sampling
- Well Development

EDUCATION

Mount Saint Mary College:
Bachelor of Arts, Biology

LICENSES & CERTIFICATIONS

OSHA 40-HR training on Hazardous Waste Operations and Emergency Response

OSHA 10-HR construction training

TENURE

PVE: Since 2025

Prior Experience: 6 Years

Resume

Kenneth R. Applin, Ph.D.

KR Applin and Associates
8806 Route 256
Dansville, NY 14437
585.335.5998

EDUCATION

Ph.D., Geochemistry and Mineralogy
The Pennsylvania State University
Area of Emphasis: aqueous geochemistry
Related Areas of Study: hydrogeology, chemistry
Degree Granted: 1982

M.S., Geochemistry and Mineralogy
The Pennsylvania State University
Area of Emphasis: aqueous geochemistry
Related Areas of Study: hydrogeology, radionuclide geochemistry, computer programming
Degree Granted: 1978

B.A., Geological Sciences
State University of New York at Geneseo
Area of Emphasis: geological sciences
Related Areas of Study: physics, biology, chemistry, computer science
Degree Granted: 1974

PROFESSIONAL EXPERIENCE

1993 - present
KR Applin & Associates
Professional consultant in geochemistry, hydrogeology, and geology. Experienced in landfill closure investigations, groundwater and surface water monitoring at solid and hazardous waste sites, geochemistry investigations, hydrogeologic investigations, and data validation.

1993 - 1994
Adjunct Lecturer, State University of New York at Geneseo
Served as Adjunct Lecturer with the Dept. of Geological Sciences. Developed and taught Environmental Geology. Supervised undergraduate research in surface water geochemistry and the environmental chemistry of lead.

1989-1993
Chief Hydrogeologist and Geochemist, Larsen Engineers, Rochester, NY
Managed all projects involving environmental and hydrogeologic investigations including landfill siting and closure investigations, hazardous waste site investigations, environmental assessments for property transactions, underground storage tank investigations, and water supply studies.

PROFESSIONAL EXPERIENCE (Continued)

1982-1989
Assistant Professor of Geology, University of Missouri-Columbia, MO
Served as professor and research scientist for the Dept. of Geology. Taught undergraduate and graduate courses in geology, hydrogeology, and geochemistry. Supervised undergraduate and graduate student research in the Depts. of Geology, Civil Engineering, and Chemistry. Conducted research in groundwater geochemistry, mineralogy, and sedimentology.

1975-1982
Graduate Research Assistant, The Pennsylvania State University
Conducted research on uranium geochemistry and global geochemical cycles. Performed field sampling and laboratory analyses of water using wet chemistry methods, atomic absorption spectrophotometry (AAS), ICP emission spectrophotometry, neutron activation analysis, colorimetry, and x-ray fluorescence. Served as instructor with the Penn State Marine Science Program at Wallops Is., VA. Served as advisor to the U.S. Bureau of Mines on uranium solution mining project in Casper, WY. Developed computer software for interpreting natural water geochemistry.

PROFESSIONAL AFFILIATIONS

Association of Groundwater Scientists and Engineers

CONTINUING EDUCATION

40-Hour OSHA Health and Safety Training (29 CFR 1910.120)
Environmental Protection Training, Inc
Pittsburgh, PA
September 1992

Inorganic Data Validation Course
SUNY Westchester Community College
Valhalla, NY
March 1994

Organic Data Validation Course
SUNY Westchester Community College
Valhalla, NY
November 1993

Bioremediation Technology Seminar
Waste Stream Technology, Inc.
Buffalo, NY
August 1992

Local Land Use Decision Making Training Program
Monroe County Planning Council
Rochester, NY
Fall 1994

Communicating Environmental Risks
Center for Environmental Information
Rochester, NY
June 1990

Survey Course in Environmental Law
Center for Environmental Information
Rochester, NY
April/May 1990

REPRESENTATIVE PROJECTS

Closure investigation and post-closure environmental monitoring of the Town of Arcadia Landfill, Wayne County, NY (1994 - present)

Closure investigation and post-closure environmental monitoring of the Galen-Lyons Landfill, Wayne County, NY (1994 - present)

Closure investigation and post-closure environmental monitoring of the Town of Wolcott Landfill, Wayne County, NY (1995 - present)

Closure investigation and post-closure environmental monitoring of Town of Ontario Landfill, Wayne County, NY (2004-present)

Remedial Investigation/Feasibility Study (RI/FS) Workplan and Citizen Participation Plan (CPP) for the Brockport Landfill Inactive Hazardous Waste Site, Monroe County, NY (1993)

Post-closure data validation and trend analysis for the Brockport Landfill Inactive Hazardous Waste Site, Monroe County, NY (2001 - present)

Preparation of Site Analytical Plan (SAP) for Seneca Meadows Landfill Expansion, Seneca Falls, NY (1996 and 2006)

Preparation of Site Analytical Plan (SAP) for Lockwood Landfill, Dresden, NY (February 2007)

Preparation of quarterly groundwater and surface water monitoring reports, Seneca Meadows Landfill, Seneca Falls, NY (1995 - present)

Preparation of Chemical Data Acquisition Plan (CDAP) for Interim Corrective Measures, Old Sanitary Landfill, Fort Drum, NY (1994)

Laboratory analytical data validation for various landfill monitoring and brownfield remediation projects (1994 - present)

Currently conducting post-closure groundwater and explosive gas monitoring for four inactive municipal landfills, and groundwater and surface water monitoring at one privately-owned landfill

Michael K. Perry

10028 Deer Park Dr.
Dansville, NY 14437

585.991.9156
michaelkperry55@gmail.com

Profile

- Over 30 years experience in the Environmental Laboratory Industry with career progression from laboratory technician to laboratory director
- Proven accomplishments include business growth, laboratory management, project planning, project management, methods development and problem resolution
- Multiple laboratory certifications

  Strengths include:

  - Analytical Instrumentation
  - Problem solving
  - Customer complaints resolution
  - Cost Control
  - Staff training and Supervision
  - Quality and Productivity Improvement

Employment Background

Environmental Data Usability, (personal business DBA). ~ Dansville, NY 2014 - present

Environmental Data Evaluation

- Production of Data Usability Reports (DUSRs) for NYS Brownfield sites

---

Dansville Auto Mart ~ Dansville, NY 2014 - present

Assistant Maintenance Technician

- Variety of duties including picking up cars for sales, preparing cars for auction, assisting mechanics, and janitorial duties

---

Columbia Analytical Services dba ALS Enviromental ~ Rochester, NY 1996 - 2014

Laboratory Director

- Responsible for overall growth and management of a 50-60 person laboratory
- Set daily production schedules for all departments
- Client services including project planning, problem solving, and business development
- Introduction of new laboratory methods.
- Recommendation and purchase of new analytical instrumentation
- Sales and marketing effort
- Annual Budget development
- Health and safety including Hazardous Waste Management

Michael K. Perry

General Testing Corp. ~ Rochester, NY 1979 - 1996

Laboratory Manager (1986 -1996)

- Promoted due to extensive knowledge of departmental logistics and personnel
- Grew the laboratory from $1,000k to over $5,000k per year in revenue
- Hands-on method development in the laboratory
- Managed all aspects of the laboratory including client services, quality assurance, and analytical scheduling

Lab Analyst / Supervisor (1979 - 1986)

- Instrumentation manager
- Operation and maintenance of all laboratory equipment
- Analysis of water, soil, and air samples

Coca Cola Corp. ~ Atlanta, GA 1975 - 1979

Senior Laboratory Technician

- Analysis of raw materials and finished product using both chemistry and instrumental techniques

Education

ACS Short Course – Effective Management of Chemical Laboratories

BS Chemistry, Georgia State University, Atlanta, GA

AAS Chemical Technology, Alfred State College, Alfred, NY

APPENDIX B
HEALTH AND SAFETY PLAN

NYSDEC BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION
HEALTH AND SAFETY PLAN

1 NORTH DEPOT
NYSDEC SITE #C704064
1 NORTH DEPOT STREET
CITY OF BINGHAMTON, BROOME COUNTY, NEW YORK

PREPARED FOR:

Residences at North Depot LLC
1055 Saw Mill River Road #204
Ardsley, New York 10502
Phone: 914-693-6613 – Fax: 914693-1282

PREPARED BY:

PVEDI ENGINEERING ARCHITECTURE GEOLOGY

PVEDI Engineering, Architecture and Geology, D.P.C.
48 Springside Avenue
Poughkeepsie, New York 12603
Phone: 845-454-2544 – Fax: 845-454-2655

January 2026
PVEDI File #20240228

MUSTER LOCATION: Intersection of North Depot Street and Prospect Avenue
Binghamton, New York 13903
42.104375, -75.909909

EMERGENCY REFERENCES:

Ambulance:	Notify 911
Emergency Room:	Notify 911
Fire:	Notify 911
NYSDEC Spill Hotline:	1 (800) 457-7362
NYSDEC Project Manager:	Michael Belveg (315) 426-7446
NYSDOH Project Manager:	Sara Bogardus (315) 477-8472
Client Representative:	Conor Tarbell (845) 454-2544
Police:	Notify 911
Hospital:	**UHS Binghamton General Hospital** 10-42 Mitchell Avenue Binghamton, New York 13903 (607) 762-2200

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ATTACHMENTS

Attachment A HASP Receipt and Acceptance Form
Attachment B HASP Pre-Entry Briefing Attendance Form
Attachment C Supervisor's Accident Investigation Report Form
Attachment D Chemical Hazard and SDS Sheets
Attachment E Summary of Lead in Construction Standard (29 CFR 1926.62)

FIGURES

Figure 1 Site Location Map
Figure 2 Site Features Map
Figure 3 Route to Nearest Hospital

1.0 Introduction

1.1 HASP Applicability

This site-specific Health and Safety Plan (HASP) has been developed by PVEDI Engineering, Architecture and Geology, D.P.C. (PVEDI) and establishes the health and safety procedures to minimize potential risks to personnel involved with the investigation activities at the 1 North Depot (the BCP Site), City of Binghamton, New York. This HASP applies to all personnel potentially exposed to safety and/or health hazards related to the activities described in Section 3.0 of this document.

THIS HASP APPLIES TO PVEDI PERSONNEL THIS HASP CAN BE UTILITZED BY OTHER ENTITIES FOR THIS PROJECT, AT THEIR SOLE RISK, WHICH IS ACKNOWLEDGED ON THE HASP RECEIPT AND ACCEPTANCE FORM (ATTACHMENT A).

PVEDI IS RESPONSIBLE FOR PROVIDING PERSONAL PROTECTIVE EQUIPMENT, FIT-TESTING OF RESPIRATORS, AND/OR MEDICIAL MONITORING OUTLINED IN THIS DOCUMENT, WHETHER RETAINED BY PVEDI or NOT. IT IS THE SOLE RESPONSIBILITY OF ALL CONTRACTORS TO IMPLEMENT THEIR HEALTH AND SAFETY PROCEDURES IN ACCORDANCE WITH ALL REQUIREMENTS OUTINED HEREIN.

This HASP has been prepared to comply with the applicable requirements of the Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120). Activities covered by this HASP must be conducted in complete compliance with this HASP and with all applicable Federal, State, and local health and safety regulations. Personnel covered by this HASP who cannot or will not comply will be excluded from site activities.

This HASP will be distributed to each person involved with investigative activities at the site. Each person must sign a copy of the attached HASP Receipt and Acceptance Form (see Attachment A).

1.2 Organization/Responsibilities

The implementation of health and safety at this project location will be the shared responsibility of the Project Manager (PM), the Health and Safety Manager (HSM), the Project Site Safety Officer (SSO) and all other personnel who conduct activities at the site.

- Project Manager: Conor Tarbell
- Health and Safety Manager: Anthony Spadavecchia
- Project Site Safety Officer: Samuel Ambrose

1.2.1 Project Manager

The PM has the primary responsibility for ensuring the overall health and safety of this project. As such, the PM is responsible for ensuring that the requirements of this HASP are implemented. Some of the PM's specific responsibilities include:

- Ensuring that all personnel to whom this HASP applies have received a copy of it;
- Providing the SSO with updated information regarding environmental conditions at the site and the scope of site work;
- Providing adequate authority and resources to the on-site SSO to allow for the successful implementation of all necessary safety procedures;
- Supporting the decisions made by the SSO;
- Maintaining regular communications with the SSO; and
- Coordinating the activities of all subcontractors and ensuring that they are aware of the pertinent health and safety requirements for this project.

1.2.2 Health and Safety Manager

The Health and Safety Manager (HSM) is responsible for the preparation, interpretation and modification of this HASP. Modifications to this HASP which may result in less stringent precautions cannot be undertaken by the SSO without the approval of the HSM. Specific duties of the HSM include:

- Writing, approving and amending the HASP for this project;
- Advising the SSO on matters relating to health and safety on this site;
- Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation to protect personnel from potential site hazards; and
- Maintaining regular contact with the SSO to evaluate site conditions and new information which might require modifications to the HASP.

1.2.3 Site Safety Officer

All field technicians are responsible for implementing the safety requirements specified in this HASP. One (1) technician will be designated to serve as the Site Safety Officer (SSO). The SSO will be appointed by the PM. The SSO will be on-site during all activities covered by this HASP. The SSO is responsible for enforcing the requirements of this HASP once work begins. The SSO has the authority to immediately correct all situations where non-compliance with this HASP is noted and to immediately stop work in cases where an immediate danger is perceived. Some of the SSO's specific responsibilities include:

- Ensuring that all personnel to whom this HASP applies have submitted a completed copy of the HASP Receipt and Acceptance Form (see Attachment A);

- Ensuring that all personnel to whom this HASP applies have attended a pre-entry briefing prior to entering the work zone;
- Maintaining a high level of health and safety consciousness among employees at the work site;
- Procuring and distributing the PPE needed for personnel involved with this project;
- Procuring the air monitoring instrumentation required and performing air monitoring for field activities;
- Verifying that all PPE and health and safety equipment is in good working order;
- Setting up and maintaining the work zones and ensuring proper cleanup of all site personnel;
- Notifying the PM of all non-compliance situations and stopping work in the event that an immediate danger situation is perceived;
- Monitoring and controlling the safety performance of all personnel within established restricted areas to ensure that required safety and health procedures are being followed;
- Conducting accident/incident investigations and preparing accident/incident investigation reports;
- Conducting the pre-entry briefing as required by Section 10.3 of this HASP; and
- Initiating emergency response procedures in accordance with Section 11.0 of this HASP.

1.2.4 Field Personnel and Covered Subcontractor Personnel

All field personnel covered by this HASP are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading this HASP in its entirety prior to the start of on-site work;
- Submitting a completed HASP Receipt and Acceptance Form (see Attachment A) and documentation of medical surveillance and training to the PM prior to the start of work;
- Attending the required pre-entry briefing prior to beginning on-site work;
- Bringing forth any questions or concerns regarding the content of this HASP to the PM or the SSO prior to the start of work;
- Reporting all accidents, injuries and illnesses, regardless of their severity, to the SSO; and
- Complying with the requirements of this HASP and the requests of the SSO.

1.2.5 Contractors

In addition to other requirements referenced in this HASP, all contractors are required to:

- Provide appropriate PPE for their employees;
- Ensure, via daily inspections, that their equipment is maintained in good working condition;
- Operate their equipment in a safe manner; and
- Appoint an on-site safety coordinator to interface with the SSO.

1.3 Modification of this HASP

The procedures in this HASP have been developed based on general knowledge of the site, proposed tasks, and anecdotal information from previous investigations at the site. Should additional information become available regarding potential on-site hazards, it may be necessary to modify this HASP. All proposed modifications to this HASP must be reviewed and approved by the HSM before such modifications are implemented.

Any significant modifications must be incorporated into the written document as addenda and the HASP must be re-issued. The PM will ensure that all personnel covered by this HASP receive copies of all issued addenda. Sign-off forms will accompany each addendum and must be signed by all personnel covered by the addendum. Sign-off forms will be submitted to the PM. The HASP addenda will be distributed during the regularly scheduled meetings so that they can be reviewed and discussed. Attendance forms will be collected during the meeting.

2.0 Site Description and History

Site Location and Current Usage

The 1 N Depot Street Brownfield Cleanup Program site (the "BCP Site") encompasses one (1) tax parcels totaling 0.64 acres located at 1 North Depot (Tax Parcel ID #160.25-2-20.2) in the City of Binghamton, Broome County, New York. The BCP Site is currently a vacant structure, and an asphalt parking lot zoned as "Service Commercial" (Figures 1 & 2).

The applicant will renovate the 5-story former industrial and commercial structure into a residential use structure with parking. All fifty (50) proposed residential units will be 100% affordable housing.

The site is mostly flat; slopes downward to the southwest toward Chenango River (Figure 1).

Summary of Proposed Redevelopment Plan

The subject property is proposed for development into a mixed-use residential (multi-family) and community/commercial use structure.

Summary of the Work Performed Previously

Relevant reports are summarized below in chronological order.

Phase I Environmental Site Assessment, *Keystone Associates, October 5, 2015*

Keystone Associates completed a Phase I Environmental Site Assessment (ESA) for the subject property summarized in their report dated October 5, 2015 which identified no Recognized Environmental Conditions (RECs) in their ESA; PVEDI does not agree with this conclusion.

Phase II Environmental Site Assessment, *PVE Engineering, July 12, 2024*

PVE performed a Phase II ESA of the Site summarized in their report dated July 12, 2024. The Phase II ESA was completed in accordance with our approved scope of work, dated May 21, 2024.

Scope

On June 4, 2024, a total of ten (10) soil borings 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 bgs. Groundwater was not encountered at time of drilling (ATD). One (1) soil sample was collected from each of the soil borings for a total of ten (10) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory for analysis of some or all of the following:

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260;
- Commissioner Policy-51 (CP-51) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- Resource Conservation and Recovery Act (RCRA) Metals via USEPA Methods 6010/7473; &
- Polychlorinated Biphenyls (PCBs) via USEPA Method 8082.

On June 4, 2024, a total of four (4) soil vapor samples were collected from exterior locations surrounding the on-site structure. On June 5, 2024, a total of two (2) sub-slab soil vapor samples were collected in the basement of the on-site structure. Exterior vapor probes were installed via a track-mounted Geoprobe™ unit to a depth of 5-feet bgs. Exterior 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. PVE installed interior temporary vapor probes using a hammer drill with 5/8-inch drill bit. Interior probes were sealed with non-VOC emitting clay. All 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 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.

Analytical Results

Soil Quality: One (1) VOC was detected in one (1) of the seven (7) soil samples collected and analyzed. No VOCs were detected at concentrations exceeding Unrestricted Use Soil Cleanup Objectives (UUSCOs) or Restricted Residential Soil Cleanup Objectives (RRSCOs) as defined in 6NYCRR Part 375.

SVOCs were detected in all seven (7) soil samples collected and analyzed. SVOCs were detected in two (2) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-2 (0.5-2-feet)
  - **Benzo(A)Anthracene (1.4 mg/kg)**
  - **Benzo(A)Pyrene (1.1 mg/kg)**
  - **Benzo(B)Fluoranthene (1.1 mg/kg)**
  - Benzo(K)Fluoranthene (1.1 mg/kg)
  - Chrysene (1.5 mg/kg)
  - **Indeno(1,2,3-C,D)Pyrene (0.7 mg/kg)**

- SB-4 (2-3.5-feet)
  - **Dibenzo(A,H)Anthracene (0.42 mg/kg)**

Bold font indicates RRSCO exceedance.

Metals were detected in all seven (7) soil samples collected and analyzed. Metals were detected in five (5) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-4 (2-3.5-feet)
  - **Lead (986 mg/kg)**
  - **Mercury (0.874 mg/kg)**

- SB-5 (2-3-feet)
  - Lead (344 mg/kg)
  - **Mercury (0.831 mg/kg)**

- SB-6 (0.5-3-feet)
  - Lead (202 mg/kg)
  - **Mercury (1.27 mg/kg)**

- SB-8 (2.5-3.5-feet)
  - Lead (63.5 mg/kg)
  - Mercury (0.259 mg/kg)

- SB-9 (2-2.5-feet)
  - Mercury (0.223 mg/kg)

Bold font indicates RRSCO exceedance.

PCBs were not detected in either of the two (2) soil samples collected for analysis of PCBs.

Vapor Quality: A total of six (6) soil vapor samples, four (4) soil vapor samples from exterior locations and two (2) sub-slab soil vapor samples in the basement of the on-site

structure were collected from the subject property. The following compounds were detected in the vapor samples collected:

- SV-1
  - 1,2,4-Trimethylbenzene (24 µg/m^3)
  - 1,3,5-Trimethylbenzene (5.6 µg/m^3)
  - 2,2,4-Trimethylpentane (2.26 µg/m^3)
  - 4-Ethyltoluene (24 µg/m^3)
  - Acetone (320 µg/m^3)
  - Benzene (3.9 µg/m^3)
  - Carbon Disulfide (2.8 µg/m^3)
  - Cyclohexane (4.4 µg/m^3)
  - Dichlorodifluoromethane (3.0 µg/m^3)
  - Ethylbenzene (41 µg/m^3)
  - Methyl Ethyl Ketone (5.2 µg/m^3)
  - m,p-Xylene (45 µg/m^3)
  - N-Heptane (6.4 µg/m^3)
  - N-Hexane (10 µg/m^3)
  - O-Xylene (1,2-Dimethylbenzene) (18 µg/m^3)
  - PCE (27 µg/m^3)
  - Toluene (32 µg/m^3)
  - Trichlorofluoromethane (6.8 µg/m^3)

- SV-2
  - 1,2,4-Trimethylbenzene (35 µg/m^3)
  - 1,3,5-Trimethylbenzene (7.8 µg/m^3)
  - 1,3-Butadiene (3.4 µg/m^3)
  - 2,2,4-Trimethylpentane (3.71 µg/m^3)
  - 2-Hexanone (3.4 µg/m^3)
  - 4-Ethyltoluene (36 µg/m^3)
  - Acetone (280 µg/m^3)
  - Benzene (8.1 µg/m^3)
  - Benzyl Chloride (2.5 µg/m^3)
  - Carbon Disulfide (3.0 µg/m^3)
  - Carbon Tetrachloride (7.4 µg/m^3)
  - Cyclohexane (15 µg/m^3)
  - Dichlorodifluoromethane (3.5 µg/m^3)
  - Ethylbenzene (54 µg/m^3)
  - Methyl Ethyl Ketone (6.7 µg/m^3)
  - m,p-Xylene (62 µg/m^3)
  - N-Heptane (28 µg/m^3)
  - N-Hexane (46 µg/m^3)
  - O-Xylene (25 µg/m^3)
  - PCE (17 µg/m^3)

  - Styrene (1.8 µg/m^3)
  - Toluene (47 µg/m^3)
  - TCE (0.51 µg/m^3)
  - Trichlorofluoromethane (2.9 µg/m^3)
  - Vinyl Chloride (0.49 µg/m^3)

- SV-3
  - 1,2,4-Trimethylbenzene (36 µg/m^3)
  - 1,3,5-Trimethylbenzene (8.7 µg/m^3)
  - 2,2,4-Trimethylpentane (4.52 µg/m^3)
  - 4-Ethyltoluene (35 µg/m^3)
  - Acetone (530 µg/m^3)
  - Acrylonitrile (5.3 µg/m^3)
  - Benzene (17 µg/m^3)
  - Cis-1,2-Dichloroethylene (4.5 µg/m^3)
  - Cis-1,2-Dichloromethane (4.5 µg/m^3)
  - Cyclohexane (8.9 µg/m^3)
  - Ethylbenzene (66 µg/m^3)
  - Methyl Ethyl Ketone (10 µg/m^3)
  - m,p-Xylene (73 µg/m^3)
  - N-Heptane (28 µg/m^3)
  - N-Hexane (39 µg/m^3)
  - O-Xylene (27 µg/m^3)
  - PCE (4,900 µg/m^3)
  - Toluene (58 µg/m^3)
  - TCE (100 µg/m^3)
  - Trichlorofluoromethane (13 µg/m^3)

- SV-4
  - 1,2,4-Trimethylbenzene (36 µg/m^3)
  - 1,3,5-Trimethylbenzene (8.2 µg/m^3)
  - 2,2,4-Trimethylpentane (4.95 µg/m^3)
  - 4-Ethyltoluene (34 µg/m^3)
  - Acetone (540 µg/m^3)
  - Benzene (390 µg/m^3)
  - Benzyl Chloride (10 µg/m^3)
  - Bromodichloromethane (13 µg/m^3)
  - Chloroform (84 µg/m^3)
  - Cis-1,2-Dichloroethylene (2.4 µg/m^3)
  - Cyclohexane (9.9 µg/m^3)
  - Ethylbenzene (66 µg/m^3)
  - Methyl Ethyl Ketone (14 µg/m^3)
  - m,p-Xylene (72 µg/m^3)
  - N-Heptane (22 µg/m^3)

  - N-Hexane (35 µg/m^3)
  - O-Xylene (28 µg/m^3)
  - PCE (1,800 µg/m^3)
  - Toluene (110 µg/m^3)
  - Trichlorofluoromethane (8.5 µg/m^3)

- SSV-1
  - Acetone (85 µg/m^3)
  - TCA (7.8 µg/m^3)
  - 1,2,4-Trimethylbenzene (7.7 µg/m^3)
  - Chloroform (9.0 µg/m^3)
  - cis-1,2-Dichloroethylene (83 µg/m^3)
  - Dichlorodifluoromethane (7.7 µg/m^3)
  - Ethylbenzene (9.3 µg/m^3)
  - Methyl Ethyl Ketone (5.0 µg/m^3)
  - N-Heptane (7 µg/m^3)
  - N-Hexane (8.5 µg/m^3)
  - PCE (7,400 µg/m^3)
  - Toluene (8 µg/m^3)
  - TCE (220 µg/m^3)
  - Trichlorofluoromethane (22 µg/m^3)

- SSV-2
  - 1,2,4-Trimethylbenzene (9 µg/m^3)
  - 2,2,4-Trimethylpentane (1.38 µg/m^3)
  - 4-Ethyltoluene (7.3 µg/m^3)
  - Acetone (170 µg/m^3)
  - Benzene (3 µg/m^3)
  - Cis-1,2-Dichloroethylene (1.6 µg/m^3)
  - Cyclohexane (2.6 µg/m^3)
  - Dichlorodifluoromethane (8.8 µg/m^3)
  - Ethylbenzene (11 µg/m^3)
  - Methyl Ethyl Ketone (9.9 µg/m^3)
  - m,p-Xylene (14 µg/m^3)
  - N-Heptane (5.8 µg/m^3)
  - N-Hexane (6.7 µg/m^3)
  - O-Xylene (6.2 µg/m^3)
  - PCE (890 µg/m^3)
  - Propylene (5.7 µg/m^3)
  - Toluene (10 µg/m^3)
  - TCE (33 µg/m^3)
  - Trichlorofluoromethane (24 µg/m^3)

Co-located ambient indoor air samples would be required to confirm the NYSDOH recommended action at each location. However, given the deteriorated condition of the structure and potential for influence/dilution from outdoor ambient air, no indoor ambient air samples were collected.

Recommendations

1. SVOCs and metals were detected in soil samples at concentrations indicative of impacts to soils from past site operations (use as a trucking terminal, tin works/machine shop/a blueing factory and ironworks). Historic fill is present throughout the subject property.
    a. Four (4) of the seven (7) samples analyzed at the laboratory contained contaminants at concentrations exceeding the intended use criteria (RRSCOs). These concentrations are consistent with historical fill. The presence of this fill and contaminants exceeding the intended use criteria elsewhere on site is likely.
    b. 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.
    c. Unconsolidated materials (below surface cover) throughout the subject property contained urban fill (wood and brick fragments). Should the client elect not to proceed with BCP, and 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.
2. Based on the concentrations of compounds detected in soil vapor, a vapor encroachment condition (VEC) may exist at the site. The presence of sub-slab vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not possible due to limited access. Redevelopment of the site should include the design and installation of a sub-slab depressurization system (SSDS) within the enclosed portions of structures to prevent exposure to building occupants.
3. This investigation is limited in scope, impacts to soil, groundwater and soil vapor from past site operations in other locations of the property cannot be ruled out.

Preliminary Remedial Investigation, *PVEDI, August 11, 2025*

PVEDI Engineering, Architecture and Geology, D.P.C. (PVEDI) performed a Preliminary Remedial Investigation of the Site summarized in our report dated August 11, 2025. Preliminary Remedial Investigation was completed in accordance with our approved scope of work, dated May 3, 2025.

Scope

On June 18 and 19, 2025, a total of thirteen (13) soil borings soil borings were installed via direct push drilling methods using a track-mounted GeoprobeTM 6712DT drill rig equipped with 5-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners and hand tools for interior locations. Soil borings were advanced to a maximum depth of 40.0-feet bgs. Groundwater was not encountered ATD in the northern-most soil borings (SBs 11, 12, & 13) due to shallow refusal ranging from 20.0 feet to 26.5 feet. Groundwater was encountered in four (4) soil borings (SBs 14, 21, 22, & 23) at a depth of 33.90 feet to 34.64 feet bgs. One (1) soil sample was collected from nine (9) of the thirteen (13) of the soil borings for a total of nine (9) soil samples. Soil samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of the following:

- TCL VOCs via USEPA Method 8260;
- TCL SVOCs via USEPA Method 8270;
- Target Analyte List (TAL) Metals via USEPA Methods 6010/7473; &
- Per- & Polyfluoroalkyl Substances (PFAS) via USEPA Method 1633 (2 samples).

On July 25, 2025, four (4) monitoring wells were sampled for a total of four (4) groundwater samples. Groundwater samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of the following:

- TCL VOCs via USEPA Method 8260; &
- TAL Metals via USEPA Methods 6010/7473.

Analytical Results

Soil Quality: One (1) or more VOCs were detected in nine (9) soil samples collected and analyzed for VOCs. Of note, PCE was detected at low concentrations in each of the nine (9) samples collected. However, VOCs were not detected at concentrations exceeding SCOs.
One (1) or more SVOCs were detected in two (2) of the nine (9) soil samples collected and analyzed for SVOCs. SVOCs were not detected at concentrations exceeding SCOs.

Metals were detected in all nine (9) soil samples collected and analyzed for metals. One (1) or more metals were detected at concentrations exceeding UUSCOs, RRSCOs and/or Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) in seven (7) of the nine (9) soil samples. Exceedances are listed below:

- SB-15 (0.5-1.5-feet)
    - Copper (53.4 mg/kg)
- SB-16 (0.5-1.0-feet)
    - Copper (82.2 mg/kg)
- SB-17 (0.5-1.5-feet)

    - Zinc (122 mg/kg)
- SB-18 (0.5-1.0-feet)
    - Copper (71.4 mg/kg)
    - Lead (215 mg/kg)
    - Zinc (433 mg/kg)
    - Mercury (0.723 mg/kg)
- SB-20 (0.5-1.0-feet)
    - Copper (60.6 mg/kg)
    - Lead (276 mg/kg)
    - Zinc (764 mg/kg)
    - ***Mercury (1.91 mg/kg)***
- SB-21 (35-37-feet)
    - Nickel (35.3 mg/kg)
- SB-22 (35-37-feet)
    - Nickel (31.5 mg/kg)

Bold indicates RRSCO exceedance.
Italic indicated PGWSCO exceedance.

Multiple PFAS compounds were detected in both soil samples collected and analyzed for PFAS. Neither Perfluorooctanesulfonic acid (PFOS) nor Perfluorooctanoic acid (PFOA) were detected in either soil sample. As SCOs are only defined for PFOS and PFOA, no PFAS were detected at concentrations exceeding SCOs.

Groundwater Quality: VOCs were detected in all four (4) of the groundwater samples collected and analyzed for VOCs. One (1) VOC was detected at concentrations exceeding Class GA Groundwater Quality Standards (GQS) as defined in 6NYCRR Part 700-705. Exceedances are listed below.

- MW-1
    - PCE (66.6 ug/L)
- MW-2
    - PCE (79.9 ug/L)
- MW-3
    - PCE (31.2 ug/L)
- MW-4
    - PCE (136 ug/L)

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

- MW-1
    - Iron (58.1 mg/L)

  - Lead (0.0897 mg/L)
  - Magnesium (42.6 mg/L)
  - Manganese (2.88 mg/L)
  - Sodium (157 mg/L)
- MW-2
  - Iron (14.1 mg/L)
  - Manganese (0.620 mg/L)
  - Sodium (31.1 mg/L)
- MW-3
  - Barium (2.01 mg/L)
  - Total Chromium (0.0678 mg/L)
  - Copper (0.216 mg/L)
  - Iron (150 mg/L)
  - Lead (0.157 mg/L)
  - Magnesium (67.4 mg/L)
  - Manganese (8.89 mg/L)
  - Nickel (0.145 mg/L)
  - Sodium (55.1 mg/L)
- MW-4
  - Iron (51.7 mg/L)
  - Lead (0.0842 mg/L)
  - Manganese (4.12 mg/L)
  - Sodium (198 mg/L)
  - Thallium (0.00192 mg/L)

Recommendations

1. VOCs and metals were detected in soil and groundwater samples at concentrations indicating past site operations have adversely impacted the subject property.
2. PCE was detected in groundwater at concentrations increasing from east to west under the on-site structure. The upgradient concentrations of PCE range from 31.2 ug/L to 79.9 ug/L while the downgradient concentrations at the properties edge range from 66.6 ug/L to 136 ug/L. Based on surveyed well elevations and estimated direction of groundwater flow, these data suggest a source of groundwater contamination underlying the structure/subject property. Further, PCE was detected at low concentrations in all nine (9) soil samples collected.
3. Multiple metals were detected in groundwater at concentrations exceeding Class GA GQS. Lead was detected in soil samples (data provided in our Phase II ESA) at concentrations exceeding PGWSCOs and groundwater at concentrations exceeding Class GA indicating an on-site source of lead to be contaminating groundwater.
4. We feel that this supplemental data clearly defines source contamination on-site thus deeming the site eligible for Tangible Property Tax Credits (TPTCs).

2.1 Summary of Proposed Redevelopment Plan

The applicant will renovate the 5-story former industrial and commercial structure into a residential use structure with parking. All fifty (50) proposed residential units will be 100% affordable housing.

2.2 Summary of Past Uses of Site and Areas of Concern (AOCs)

The BCP Site is located at 1 North Depot Street, City of Binghamton, Broome County, New York. The site is situated approximately 0.18 miles east of the Chenango River. The proposed BCP Site is bordered to the north by 95 Prospect Avenue (commercial) and 108 Prospect Avenue (residential), to the east by 10 Eldrege Street (parking lot) and 21 North Depot Street (commercial), to the south by railroad tracks and a storage yard, and to the west by 89 Prospect Avenue (commercial).

The Site is currently zoned by the City of Binghamton as “Service Commercial”. The proposed project area is adjacent to commercial and residential properties. The Site is improved with one (1) 51,000 sq. ft. five-story and paved parking lot. The Site is currently vacant with parking being used for adjoining businesses. There is local support for the cleanup of the property and the redevelopment proposed by the Volunteer.

As early as 1887, the property operated as wholesale groceries, a cigar factory, Casper and Honah Tin Works, a machine shop and the Bengal Blueing Factory. In 1898, only the wholesale groceries and cigar factory were in operation. In 1918, the property operated as wholesale groceries, coffee roasters wholesale hardware, and Reynolds and Hawley ornamental iron works. In 1950-1952, the property operated as wholesale groceries, prints wholesale hardware and motor freight terminals with a gasoline tank. In 1970, the property operated as LJ Kingsley Wholesale Hardware (including paints), with a buried gasoline tank, wholesale meats; (it should be noted “Phelps Ave” bisected the property east to west to the former Post Office Terminal east of the property through all Sanborns except 1887). Currently a 5-story abandoned/vacant former commercial structure in very poor condition.

Possible sources of contamination are from chemicals used in operations from the cigar factory, Casper and Honah Tin Works, the machine shop, and Bengal Blueing Factory.

Based on the findings and conclusions of the previous environmental investigations, the following AOCs have been established:

AOC – 1 Historic Fill
AOC – 2 Soil Vapor
AOC – 3 Groundwater
AOC – 4 Buried Gasoline Tank

AOC – 5 Hazardous Building Materials

The following is a brief description of the findings in each area identified above.

AOC – 1 Historic Fill

As indicated in the previous investigations, historic fill was observed in soil boring throughout the subject property, likely a resulting from infill of former on-site structures or subbase for Phelps Avenue that bisected the property historically. This fill was found to contain SVOCs and metals at concentrations exceeding the Site's intended SCOs.

AOC – 2 Soil Vapor

As indicated in the previous investigations, a vapor encroachment condition (VEC) may exist at the site. The presence of chlorinated solvents in soil vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not possible due to limited access.

AOC – 3 Groundwater

As indicated in the Preliminary Remedial Investigation Report, a total of four (4) conventional 2-inch diameter groundwater monitoring wells were installed throughout the BCP Site. PCE and multiple metals were detected at concentrations exceeding Class GA GQS standards in all four (4) monitoring wells.

AOC – 4 Buried Gasoline Tanks

A gasoline storage tank is depicted in the northern parking lot on Sanborn Maps dated 1950 to 1970. Two (2) soil borings were installed in proximity to (based on georeferenced images) the buried tank; while no impacts were observed in the soil, PVEDI could not extend a soil boring to the depth of groundwater in this area.

AOC – 5 Hazardous Building Materials

The structure is in poor condition with portions of the roof collapsed through underlying floors into the basement. The building materials and debris are co-mingled/homogenized throughout the collapsed pile. Asbestos Containing Materials (ACM) may be present throughout the basement in areas prohibiting safe subsurface investigation.

3.0 Remedial Investigation

Remedial Investigation sampling will focus on delineating the extent of contaminants that have been demonstrated to be present to properly design future remedial alternatives. Sample locations have also been selected to identify contaminants in areas that have not been previously investigated, or where a contaminant source is suspected but previous sampling has been insufficient to conclusively establish the presence or absence of contaminants at concentrations requiring remedial action. In this sense, the Remedial Investigation Scope is presented to provide sufficient detail to develop data to satisfy overall project objectives, but flexibility to adjust for field conditions and observations.

The Sample Summary Table (Table 1) describes the location and depth of each sample, the laboratory analyses and laboratory method number planned for each sample, and the rationale for collecting each sample. Table 1 is provided in the RIWP.

All RI field work will be conducted in accordance with the Quality Assurance Project Plan (QAPP), provided in Appendix A, and the Health and Safety Plan (HASP), provided in Appendix B. Community air monitoring will be conducted in accordance with the Appendix 1A of DER-10.

3.1 Mobilization and Utilities Investigation

Seven (7) days prior to initiating any field activities, PVEDI will notify NYSDEC and NYSDOH personnel of the anticipated field schedule. A draft schedule is presented in Section 11.0 of the RIWP.

A geophysical survey will be performed prior to drilling and installation of soil borings and monitoring wells. The geophysical survey will employ ground-penetrating radar (GPR) and magnetic/electromagnetic equipment to locate anomalies that could be representative of buried infrastructure, such as fuel storage tanks, sewer lines, drain pipes, utilities, and conduits that could provide potential pathways for contaminants, or obstructions to be avoided during drilling.

3.2 Soil Borings

Ten (10) soil borings are proposed across the BCP Site to determine site stratigraphy and collect soil samples for laboratory analysis (See Figure 6). Five (5) from beneath the slab of the on-site structure and five (5) from exterior locations. Interior soil boring locations will need to be assessed by a structural engineer provided the integrity of the current on-site structure. If feasible and necessary, shoring will be designed and installed in support of the investigation. Borings will be advanced using various direct push Geoprobe™ equipment equipped with 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Interior soil borings will be installed through

the slab of on-site structure via Geoprobe™ 420M hand-truck mounted hammer, or equivalent limited access tooling, and be sampled continuously from ground surface to a maximum depth of 35-feet bgs, to depth of groundwater, or to refusal, whichever is encountered first. Exterior soil borings will be installed via Geoprobe™ 6712 track-mounted rig and be sampled continuously from ground surface to a maximum depth of 45-feet bgs, to groundwater, or to refusal, whichever is encountered first.

If shallow refusal is encountered, up to three (3) attempts will be made to complete the soil samples to the target depth. At each location, field personnel will screen soil samples for VOCs using a photoionization detector (PID), and headspace techniques. The project geologist will keep a detailed log of each core: Lithology, grain size, stratigraphic changes, color, and occurrence of groundwater will be recorded. Observations will be made describing the presence of potential contamination in the soil samples based on odor, visual observations, or PID readings.

Three (3) to four (4) discrete/grab soil samples will be collected from each soil boring or surface soil sample. Soil will be collected from surface (0-2-inches), shallow intervals (2-12-inches & 12-24-inches), and a fourth interval selected for laboratory analysis will be determined based on information generated during previous investigations, field observations including visual and olfactory indications of contamination as well as direct instrument readings and the soil/groundwater interface zone. Soil samples will be screened for VOCs using a PID. Each discrete/grab soil sample interval will be transferred into laboratory provided container. See Appendix A for more information related to sampling procedure and approved sample containers.

Soil samples will be analyzed for some or all of the following parameters, as specified below:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL Metals by USEPA Method 6010C & 7471;
    - Including cyanide and hexavalent chromium.
- TCL PCBs by USEPA Method 8082A;
- TCL Pesticides by USEPA Method 8081B;
- TCL Herbicides by USEPA Method 8051A; &
- 1,4-Dioxane & PFAS by USEPA Method 8270D SIM & 1633.

Samples to be analyzed for emerging contaminants will be collected in accordance with NYSDEC Guidelines for Sampling, Analysis, and Assessment of PFAS, dated April 2023.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Analytical Services Protocol (ASP) Category B deliverables. Field duplicates and matrix spike/matrix spike duplicates (MS/MSD) will be collected for quality

control/quality assurance (QA/QC) purposes and analyzed for sample parameters described above, in accordance with Table 1. In addition, aqueous equipment field blanks will be collected in the field and laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only). QA/QC blanks and duplicates will be completed at a frequency of one sample for every 20 field-samples, as required in DER-10. QA/QC blanks and duplicates are included in Table 1.

Upon completion of drilling, each boring will be filled to within 12-inches of ground surface with either the drill cuttings or a cement/bentonite grout mixture (if grossly contaminated media is identified). Boreholes filled with soil cuttings will be completed to ground surface using drilling sand, if necessary. Boreholes filled with grout will be completed with Quickrete to top of groundwater interface and natural soil cuttings/sand, as necessary. All borings will be patched with the appropriate surface materials (e.g., asphalt or concrete patch), depending on the location.

3.3 Soil Vapor

A vapor intrusion investigation will be conducted in accordance with NYSDOH Guidance for Evaluating Vapor Intrusion in the State of New York, dated May 2006 (and subsequent revisions).

A total of three (3) soil vapor samples, three (3) ambient indoor air samples and one (1) ambient outdoor air sample are to be collected from the BCP Site. Sub-slab soil vapor samples will be installed using a hammer-drill and 5/8-inch drill bit. Vapor probes would be installed below the slab elevation and sealed at the surface with a non-VOC emitting clay to prevent sample cross contamination.

A helium-vapor test will be conducted to demonstrate a proper seal around the sampling port and confirm sample integrity. Prior to sample collection, the sample port will be purged of one to three volumes at a rate not to exceed 0.2 L/min. The vapor samples will be collected in laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling period of 2-hours and at a flow rate not to exceed 0.2 L/minute. Prior to soil vapor sample collection, one (1) to three (3) volumes of soil vapor will be purged from the sample port at a flow rate not to exceed 0.2 L/minute. One (1) ambient indoor air sample will be collected proximate to each sub-slab vapor implant. The ambient outdoor air sample will be collected from a location (within the Site boundary) determined to be the upwind of the remaining portions of the Site.

Vapor sample canisters will be submitted to a NYSDOH ELAP-certified laboratory for analysis for VOCs via USEPA Method TO-15.

3.4 Monitoring Wells

Based on the previous investigation completed at the Site, groundwater was encountered from 33.90 to 34.64 feet. An additional two (2) monitoring wells will be installed, to a maximum depth of 45-feet bgs, in overburden soils through the use of a Geoprobe™ or conventional drilling rig equipped with hollow-stem augers (HSA). Monitoring wells will be constructed of 2-inch Schedule 40 PVC with a 0.020-inch slotted screen and solid riser. The borehole annulus of the wells will be filled with silica sand to a height of 2-feet above the top of the screen to form a filter pack. Bentonite will be placed above the filter pack to form a 2-foot seal. The remainder of the borehole annulus will be filled with a bentonite-cement grout or drill cuttings (if not grossly contaminated). Wells will be finished at the surface with either flush-to-grade curb boxes or appropriately sized steel standpipe with locking cap set in concrete, depending on the location.

Each monitoring well will be developed to remove fine-grained soil from the well and filter pack using a submersible pump. Groundwater samples will be collected using low-flow (minimal-drawdown) sampling techniques, with dedicated tubing. Prior to sample collection, depth to groundwater will be measured to the nearest 0.01-foot and recorded for each well. The wells will be purged until temperature, pH, oxygen reduction potential (ORP), turbidity, dissolved oxygen (DO) and conductivity have stabilized. The top-of-casing elevation will be surveyed to the nearest 0.01 foot by a NYS-PLS. Depth-to-water measurements recorded prior to sample collection will be used to calculate groundwater gradients and develop a groundwater contour map.

Groundwater samples will be analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL Metals by USEPA Method 6010C & 7471B;
    - Including cyanide and hexavalent chromium;
    - Field filtered and totals;
- TCL PCBs by USEPA Method 608;
- TCL Pesticides by USEPA Method 608;
- TCL Herbicides by USEPA Method 8051A; &
- Emerging Contaminants: 1,4-Dioxane & PFAS by USEPA Method 8270D SIM & 1633.

All samples will be analyzed by a NYSDOH ELAP-certified laboratory providing Category B deliverables for the analyses listed above. Aqueous equipment field blanks will be collected for QA/QC purposes and analyzed for all sample parameters in accordance with Table 1. Laboratory-supplied aqueous trip blanks will accompany the sample shipment (trip blanks analyzed for VOCs only).

3.5 Hazardous Building Materials

The volunteer will cause surveys of the on-site building materials for the presence of LBP and ACM to determine the presence and amount thereof which may impact the ability to adequately investigation and/or remediate the BCP Site. Any damaged/loose friable ACM identified during surveys presenting immediate risks to on-site personnel will require abatement prior to investigation of interior spaces. Such abatement will be conducted in accordance with NYS DOL Industrial Code Rule 56. Other identified LBP and ACM will be properly abated during RA of the property and will be further discussed in the forthcoming RAWP.

3.6 Investigation-Derived Waste Management

Investigation-derived wastes (IDW) will be minimized by returning excess soil from soil borings to the original borehole unless grossly contaminated, in accordance with DER-10(3.3)(e), which also prescribes the following: If field evidence of gross contamination is identified, soil cuttings, decontamination wastewater and groundwater will be drummed containerized and staged near the point of generation and will be properly disposed of based on laboratory results. If free of visible contamination, disposable PPE, sampling supplies and disposables will be placed in heavy-duty plastic bags and disposed of properly as general refuse.

In any instance during the performance of this RI, all IDW will be managed in accordance with procedures and methods outlined in DER-10 section 3.3e.

3.7 Data Review

All samples undergoing laboratory analysis will be subject to a third-party data review process in accordance with the QAPP, to ensure the usability of the data collected. Data usability summary reports (DUSRs) documenting any issues with QA/QC will be prepared and included in the RI Report. Further, Category B Deliverables for the previous data collected during the Phase II ESA and the Preliminary Remedial Investigation Report will be requested from the laboratory. DUSRs for all data amassed from the site documenting any issues with QA/QC will be prepared and included in the RI Report.

4.0 Remedial Investigation Health and Safety

Field activities include site meetings, mobilization, implementing the health and safety plan, soil boring/soil vapor and monitoring well installation, analytical testing, equipment decontamination and handling of investigation wastes. Subcontractors will be used for marking private and public utilities, installation of soil borings, monitoring wells and laboratory analysis of soil samples collected.

Site Meeting

A Site "kick-off" meeting will be held with the earth work subcontractor(s) prior to initiating field activities. The purpose of the meeting will be to orient field team members and subcontractors with the Site, project personnel, Site background, scope of work, potential dangers, health and safety requirements, site-specific security and safety protocols, emergency contingencies and other field procedures. NYSDEC will be notified of this meeting and is invited to attend.

Mobilization

Following approval of the RI Work Plan by NYSDEC, Dig Safely NY will be contacted to identify the locations of publicly owned buried utilities which lead to the subject property. Utility clearance will require three working days. PVEDI personnel will interface with appropriate parties to obtain sidewalk and street permits in advance of any field activities, if necessary. No Sidewalk permits are anticipated to be required.

Health and Safety

We anticipate all site work to be performed in Level D PPE. Health and safety monitoring will be conducted during field activities in accordance with the Site-Specific Health and Safety Plan (Appendix B of the RI Work Plan). If air monitoring data suggests an upgrade to Level C PPE is required, work will cease, and Site conditions will be re-evaluated prior to further activities.

5.0 Air Surveillance and Monitoring

Air monitoring will be conducted during any excavation activities in accordance with the HASP and CAMP. See Section 8 of this HASP below and/or Appendix D of the RIWP for further information.

6.0 Chemical Hazard Assessment and Controls

6.1 Chemical Hazards

The predominant contaminants potentially encountered during the subsurface investigation in soil, groundwater, and soil vapor include: Volatile and semi-volatile organic compounds (VOCs and SVOCs); and inorganic metals including barium, chromium, copper, lead, nickel, zinc, iron, manganese, magnesium, sodium, thallium, and mercury. Chemical Hazard and MSDS Sheets are provided in Attachment D.

6.1.1 Table: Occupational Exposure Limits and Ionization Potentials of Detected VOCs and SVOCs

VOCS

Name	Skin Absorption	PEL (1) (PPM)	REL(2) (PPM)	STEL (PPM)	IDLH (PPM)	TLV (3) (PPM)	IP (eV)	Carcinogen
Methyl-tert butyl ether	Yes	NA	NA	NA	NA	50	NA	Suspected
1,2,4-Trimethylbenzene	Yes	NA	25	NA	NA	25	8.27	
1,3,5- Trimethylbenzene	Yes	25	NA	NA	NA	25	NA	
Benzene	Yes	1	0.1	1 (2)	500	0.5	9.24	X
Ethylbenzene	Yes	100	100	125 (2)	800	20	8.76	
Isopropylbenzene	Yes	NA	NA	NA	NA	50	NA	
n-butylbenzene	Yes	NA	NA	NA	NA	NA	NA	
n-propylbenzene	Yes	NA	NA	NA	NA	NA	NA	
p-isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	
Sec-butylbenzene	Yes	NA	NA	NA	NA	NA	NA	
Tert-butylbenzene	Yes	NA	NA	NA	NA	NA	NA	
m & p-xylene	Yes	100	100	150 (2)	900	100	8.56	
Methylene chloride	Yes	25	NA	125 (1)	2300	50	11.32	X
Naphthalene	Yes	10	10	15 (2)	250	10	8.12	
o-xylene	Yes	100	100	150 (2)	900	100	8.56	
Toluene	Yes	200	100	150 (2)	500	20	8.82	
Acetone	Yes	1000	250	NA	2500	500	9.69	
Tetrachloroethylene	Yes	100	NA	NA	150	25	9.32	X
Trichloroethylene	Yes	100	NA	100	1000	10	9.45	X

SVOCs

Name	Skin Absorption	PEL (1) (PPM)	REL(2) (PPM)	STEL (PPM)	IDLH (PPM)	TLV (3) (PPM)	IP (eV)	Carcinogen
Acenaphthylene (4)	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene (4)	Yes	NA	NA	NA	NA	NA	NA	
Anthracene (4)	Yes	0.2(5) mg/m3	0.1(6)mg/m3	NA	80 mg/m3	NA	NA	
Benzo(a)anthracene (4)	No	NA	NA	NA	NA	L	NA	X
Benzo(a)pyrene (4)	Yes	0.2(5) mg/m3	0.1(6)mg/m3	NA	80 mg/m3	L	NA	X

Benzo(b)fluoranthene (4)	Yes	NA	NA	NA	NA	L	NA	X
Benzo(g,h,I) perylene (4)	Yes	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene (4)	Yes	NA	NA	NA	NA	NA	NA	X
Chrysene (4)	Yes	0.2[5] mg/m3	0.1[6]mg/m3	NA	80 mg/m3	L	NA	X
Coal Tar Pitch Volatiles	NA	0.2 [5] mg/m3	0.1 [6]mg/m3	NA	80 mg/m3	0.2[7] mg/m3	NA	X
Dibenzo(a,h)Anthracene (4)	Yes	NA	NA	NA	NA	NA	NA	X
Fluoranthene (4)	Yes	NA	NA	NA	NA	NA	NA	Suspected
Fluorene (4)	Yes	NA	NA	NA	NA	NA	NA	Suspected
Indeno(1,2,3-cd)pyrene (4)	Yes	NA	NA	NA	NA	NA	NA	X
Phenanthrene (4)	Yes	0.2[5] mg/m3	0.1[6]mg/m3	NA	80 mg/m3	NA	NA	X
Pyrene (4)	Yes	0.2[5] mg/m3	0.1[6]mg/m3	NA	80 mg/m3	NA	NA	X

1 -OSHA (Occupational Safety and Health Administration)
PEL - Permissible Exposure Limit (OSHA Standard)
STEL -Short Term Exposure Limit
2 - NIOSH (National Institute for Occupational Safety and Health)
REL - Recommended Exposure Limit
IDLH – Immediately Dangerous to Life and Health
STEL -Short Term Exposure Limit
3 - ACGIH (formerly American Conference of Governmental Industrial Hygienists)
TLV - Threshold Limit Value
STEL -Short Term Exposure Limit
L – Exposure by all routes should be as carefully controlled to levels as low as possible
4 - PELs are listed for these items under Coal Tar Pitch Volatiles
5 - Benzene Soluble fraction
6 – Cyclohexane-extractable fraction
7 - Benzene Soluble Aerosol
NA – not applicable
PPM – parts of airborne contaminant per million parts of air (by volume)
mg/m^3 – milligrams of airborne contaminant per cubic meter of air
IP – ionization potential
eV – electron volt

OSHA PELs, ACGIH TLVs, and NIOSH RELs provide time-weighted averages (TWAs), which are defined as concentrations for a normal 8-hour workday (NIOSH RELS are based on 10 hours) and 40-hour work week to which almost all workers can be exposed repeatedly without suffering adverse health effects.

Per ACGIH, a STEL is defined as the concentration to which “workers can be exposed for short time periods without irritation, chronic or irreversible tissue damage, dose-rate-dependent toxic effects, or narcosis sufficient to be likely to increase the likelihood of accidental injury, impaired self-rescue or materially reduced work efficiency.” The STEL is a 15-minute TWA. STELs are used by OSHA, ACGIH, and NIOSH.

IP refers to ionization potential which is the amount of energy required to remove an electron from an atom or molecule. Air sampling devices known as photo ionization detectors (PIDs) use ultraviolet (UV) light to ionize gas molecules in order to measure the presence of volatile organic compounds (VOCs). The most common light source used in PIDs is a 10.6 eV (electron volt) lamp.

6.1.2 Chemical Hazards of Metals of Concern

The metals detected in on-site soils and associated potential health effects are presented below. If dust control measures implemented during excavation cannot maintain dust levels at an acceptable level, the SSO will notify site workers of the condition. PPE summarized in Section 9.0 will be utilized.

Lead:

Exposure Routes: Inhalation, ingestion, skin and/or eye contact.
Symptoms: Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypotension.
Target Organs: Eyes, gastrointestinal tract, central nervous system, kidneys, blood, and gingival tissue.
OSHA PEL: 0.05 mg/M^3 as an 8-hour TWA.
ACGIH TLV: 0.05 mg/M^3 as an 8-hour TWA.

Mercury:

Exposure Routes: inhalation, skin absorption, ingestion, skin and/or eye contact.
Symptoms: Irritation of eyes and skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.
Target Organs: Eyes, skin, respiratory system, central nervous system, kidneys.
OSHA PEL: 0.1 mg/m^3 as an 8-hour as a Ceiling.
ACGIH TLV: 0.025 mg/m^3 as an 8-hour TWA.

Barium:

Exposure Routes: Inhalation, skin and/or eye contact.
Symptoms: Irritation of eyes, skin, upper respiratory system; skin burns; gastroenteritis; muscle spasm; slow pulse; extrasystoles; hypokalemia.
Target Organs: Eyes, skin, respiratory system, heart, and central nervous system.
OSHA PEL: 0.5 mg/m^3 as an 8-hour TWA.
ACGIH TLV: 0.5 mg/m^3 as an 8-hour TWA.

Chromium:

Exposure Routes: Inhalation, skin and/or eye contact.
Symptoms: Irritation eyes, skin; lung fibrosis.
Target Organs: Eyes, skin, and respiratory system.
OSHA PEL: 1 mg/m^3 as an 8-hour TWA.
ACGIH TLV: 0.5 mg/m^3 as an 8-hour TWA.

Copper:

Exposure Routes: Inhalation skin and/or eye contact.
Symptoms: Contact can irritate and burn the eyes and skin. Inhalation can irritate

the nose and throat causing coughing and wheezing.
Target Organs: Eye, skin and respiratory system.
OSHA PEL: 1 mg/m^3 as an 8-hour TWA
ACGIH TLV: 1 mg/m^3 as an 8-hour TWA

Magnesium:

Exposure Routes: Inhalation, skin and/or eye contact.
Symptoms: Inhaling this substance can irritate the nose, throat and lungs causing tightness in the chest and difficulty in breathing.
Target Organs: Nose, throat and lungs.
OSHA PEL: 15 mg/m^3 as an 8-hour TWA.
ACGIH TLV: 10 mg/m^3 as an 8-hour TWA.

Manganese:

Exposure Routes: Inhalation.
Symptoms: The aerosol is irritating to the respiratory tract. The substance may have effects on the lungs and central nervous system, resulting in increased susceptibility to bronchitis, pneumonitis and neurologic, neuropsychiatric disorders
Target Organs: Respiratory tract and central nervous system.
OSHA PEL: 5 mg/M3 as a Ceiling.
ACGIH TLV: 0.1 mg/m3 for inhalable particulate matter as an 8-hour TWA.

Nickel:

Exposure Routes: inhalation, skin absorption, ingestion, skin and/or eye contact.
Symptoms: Irritation and burning of eyes and skin; skin allergy; irritation of nose, throat and lungs; headache, dizziness and vomiting; probable lung carcinogen; asthma-like allergy; chronic bronchitis and scarring of the lungs.
Target Organs: Eyes, skin, respiratory system, kidneys and liver.
OSHA PEL: 1.0 mg/m^3 as an 8-hour TWA
ACGIH TLV: 1.5 mg/m^3 as an 8-hour TWA.

Iron:

Exposure Routes: inhalation, skin absorption, ingestion.
Symptoms: nausea, vomiting, abdominal pain, diarrhea, fatigue, lethargy, liver failure, kidney failure, respiratory failure.
Target Organs: Liver, heart, pancreas, endocrine system.
OSHA PEL: 10.0 mg/m3 as an 8-hour TWA
ACGIH TLV: 5.0 mg/m3 as an 8-hour TWA.

Sodium:

Exposure Routes: inhalation, skin absorption, ingestion, eye contact.
Symptoms: Fatigue, dry mouth, restlessness.
Target Organs: Kidney, heart, brain, bones.
OSHA PEL: 2 mg/m3 as an 8-hour TWA
ACGIH TLV: 2 mg/m3 as an 8-hour TWA.

Thallium:

Exposure Routes: inhalation, skin absorption, ingestion, eye contact.
Symptoms: neurological, gastrointestinal, hair loss, skin changes, muscle weakness, confusion, hallucinations, potential death.
Target Organs: nervous system, gastrointestinal tract, skin, central and peripheral nerves.
OSHA PEL: 0.1 mg/m3 as an 8-hour TWA
ACGIH TLV: 0.02 mg/m3 as an 8-hour TWA.

Zinc:

Exposure Routes: Inhalation, skin and/or eye contact.
Symptoms: The aerosol can irritate the nose and throat resulting in wheezing.
Target Organs: Eyes, skin, nose and throat.
OSHA PEL: 15 mg/M^3 as a Ceiling.
ACGIH TLV: 2 mg/m^3 as an 8-hour TWA.

6.2 Chemical Exposure and Control

6.2.1 Activities with Chemical Exposure Potential

The primary route of exposure during site activities in areas contaminated with VOCs, SVOCs and inorganic metals is direct dermal contact, accidental or incidental ingestion, and inhalation of contaminant laden dust. The following work areas and site related activities are areas where chemical exposure is possible:

- Areas where drilling activities will be conducted.
- Contact with soil boring cores and samples.
- Contact with purge water from monitoring wells and samples.

6.2.2 Potential Chemical Exposures and Exposure Action Levels

6.2.2.1 Metals

Exposure potential exists during excavation of soils. Airborne dust can be an issue during soil excavation operations and skin contact can be anticipated during handling. Potential worker exposures exist, through accidental ingestion and direct skin contact, during the soil boring task, as airborne dusts can be generated. SVOCs typically adhere to the airborne soil particles while metals are liberated as well. Of the metals identified in the soil samples, Mercury, with a Threshold Limit Value TLV at 0.1 mg/m^3 (100 ug/m^3) was present in multiple soil samples. The highest level of Mercury detected in the soil samples was 1.91 mg/kg.

The highest level of Lead detected in the soil samples was 986 mg/kg. Assuming a uniform distribution and applying a safety factor, worker exposure can be controlled by establishing **an action level of 0.5 mg/m^3** total airborne dust, through engineering

controls such as dust control. A direct reading dust monitor (e.g. TSI DustTrak) will be used as a surrogate to obtain real time data to aid in monitoring the effectiveness of dust controls. The dust monitor will be set to sample aerosols at PM_{10} (10 micron size particles). Exposures above the action level on 2.5 mg/m^3, will require the use of a NIOSH approved half-face respirator with an N or P, 100 filter.

6.2.2.3 VOCs

PPE will be upgraded to include NIOSH approved half-face respirators with organic vapor cartridges, if airborne concentrations of VOCs, as measured with a direct reading Photo Ionization Detector (PID) exceed 10 ppm or are above background level during on-site activities.

If PID readings in the areas above and surrounding the work area exceed 250 ppm, all on-site activities will be suspended. Future PPE selected will depend on the identity and concentrations of the contaminants encountered. PPE will be discussed in Section 9.

First aid equipment will be available based on MSDS requirements.

To summarize, dust generated during excavation activities will be monitored continuously using a particulate air monitoring instrument. VOC levels during excavation activities will be continuously monitored using a PID. In the western parking area, the above monitoring activities will be supplemented by usage of a mercury vapor analyzer. Exposure monitoring will be further discussed in Section 9.

6.2.3 Exposure Control

A combination of PPE and engineering controls will be utilized to control skin contact and airborne exposures. Engineering controls will consist of demarcating areas to be bored and allow required personnel only in the work areas. Dust suppression will be used whenever possible to keep dust from becoming airborne. PPE will be discussed in Section 9.

The following chemical exposure control measures will be implemented during the proposed site investigations:

- The SSO will perform air monitoring (see Section 5.0) in the worker's breathing zone to determine exposure to VOCs during field activities. If exposures exceed the action levels, respiratory protection, as discussed in Section 8.1, will be donned.
- To avoid direct dermal contact with potentially contaminated media, chemical protective clothing, as described in Section 9.1, will be required when collecting samples and decontaminating sampling equipment.

- Although highly unlikely, exposure to all of the contaminants of concern may occur via ingestion (hand-to-mouth transfer). The decontamination procedures described in Section 11.0 address personal hygiene issues that will limit the potential for contaminant ingestion.

7.0 Physical Hazards and Controls

7.1 Utility Hazards

7.1.1 Underground Utilities

New York law requires that, at least 48 hours prior to initiation of any subsurface work, a utility clearance be performed at the site. The driller will contact New York One Call (811) to request a mark-out of underground utilities in the proposed sampling areas. Work will not begin until the required utility clearances have been performed. Public utility clearance organizations typically do not mark-out underground utility lines that are located on private property. As such, the driller must exercise due diligence and try to identify the location of any private utilities on the properties being investigated. This requirement can be fulfilled in several ways, including:

- obtaining as-built drawings for the areas being investigated from the property owner;
- visually reviewing each proposed excavation location with the property owner or knowledgeable site representative;
- identifying a no-drilling/digging zone; or
- hand digging in the proposed drilling/excavation locations if insufficient data is available to accurately determine the location of the utility lines.

The exact location of these utilities is not known at this time. A public and private mark-out of utilities leading to the subject property will be performed.

7.1.2 Overhead Utilities

Be particularly aware of overhead power lines in the work area. Any vehicle or mechanical equipment capable of having parts of its structure elevated (drill rig, crane, etc.) near energized overhead lines shall be operated so that a clearance of at least ten (10) feet is maintained. If the voltage is higher than 50kV, the clearance shall be increased four (4) inches for every 10kV over that voltage.

7.2 Traffic Concerns

If work is to be performed at exterior locations where traffic may be a concern, the following precautions should be followed. All are designed to draw attention to the work and to warn other people of the activities.

- Notify the property owner of your work location, dates of work and the anticipated work times. Suggest the possibility of a detour around the work area.
- Wear a neon green safety vest. If work is being performed at dawn, dusk or evening, the vests must have reflective tape.

- Set up traffic cones 50 feet in front of the work area. “Work Zone” signs should also be placed in a conspicuous area to warn others of your presence.

7.3 Excavation Hazards

Use of an excavator will require all personnel in the vicinity of the operating rig to wear steel-toed boots, hardhats, hearing protection and safety eyewear. Personnel shall not remain in the vicinity of operating equipment unless it is required for their work responsibilities. Additionally, the following safety requirements must be adhered to:

- All machinery with exposed moving parts must be equipped with an operational emergency stop device. Operators and geologists must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter.
- The operator must never leave the controls while the tools are operating unless all personnel are kept clear of operating equipment.
- Operators, helpers and geologists must secure all loose clothing when in the vicinity of drilling operations.
- Only equipment that has been approved by the manufacturer may be used in conjunction with site equipment.

7.4 Noise Exposure

The use of the drilling rig will generate noise levels that will require the use of hearing protection in the immediate vicinity. Appropriate earmuffs or earplugs (i.e., with an NRR greater than 25 dB) should be worn to prevent overexposure. The general rule of thumb is that if you have to raise your voice to be understood by someone who is standing 3 to 5 feet away from you, the noise levels are likely to be above 85 dB and therefore require the use of hearing protection.

7.5 Back Safety

Using the proper techniques to lift and move heavy pieces of equipment, such as drums of investigation-derived wastes, are important to reduce the potential for back injury. The following precautions should be implemented when lifting or moving heavy objects.

- Use mechanical devices to move objects, such as drums of investigation derived wastes, that are too heavy to be moved manually.
- If mechanical devices are not available, ask another person to assist you.
- Bend at the knees, not the waist. Let your legs do the lifting.
- Do not twist while lifting.
- Bring the load as close to you as possible before lifting.
- Be sure the path you are taking while carrying a heavy object is free of obstructions and slip, trip and fall hazards.

7.6 Electrical Safety

If using portable tools that are electrically powered, follow the safety precautions listed below:

- Check to see that electrical outlets used to supply power during field operations is of the three (3) wire grounding type.
- Extension cords used for field operations should be of the three (3) wire grounding type and designed for hard or extra-hard usage. This type of cord uses insulated wires within an inner insulated sleeve and will be marked S, ST, STO, SJ, SJO or SJTO.
- NEVER remove the ground plug blade to accommodate ungrounded outlets.
- Do not use extension cords as a substitute for fixed or permanent wiring. Do not run extension cords through openings in walls, ceilings or floors.
- Protect the cord from becoming damaged if the cord is run through doorways, windows or across pinch points.
- Examine extension and equipment cords and plugs prior to each use. Damaged cords with frayed insulation or exposed wiring and damaged plugs with missing ground blades must be removed from service immediately.
- All portable or temporary wiring which is used outdoors or in other potentially wet or damp locations must be connected to a circuit that is protected by a ground fault circuit interrupter (GFCI). GFCI's are available as permanently installed outlets, as plug-in adapters and as extension cord outlet boxes. Do not continue to use a piece of equipment or extension cord that causes a GFCI to trip.
- When working in flammable atmospheres, be sure that the electrical equipment being used is approved for use in Class I, Division I atmospheres.
- Do not touch a victim who is still in contact with current. Separate the victim from the source using a dry, non-metallic item such as a broom stick or cardboard box. Be sure your hands are dry and you are standing on a dry surface. Turn off the main electrical power switch and then begin rescue efforts.

7.7 Thermal Stress

The hazards of both heat and cold stress are addressed in this HASP.

7.7.1 Heat Stress

Types of Heat Stress

Heat related problems include heat rash, fainting, heat cramps, heat exhaustion and heat stroke. Heat rash can occur when sweat isn't allowed to evaporate, leaving the skin wet most of the time and making it subject to irritation. Fainting may occur when blood pools to lower parts of the body and as a result, does not return to the heart to be pumped to the brain. Heat related fainting often occurs during activities that require

standing erect and immobile in the heat for long periods of time. Heat cramps are painful spasms of the muscles due to excessive salt loss associated with profuse sweating. Heat exhaustion results from the loss of large amounts of fluid and excessive loss of salt from profuse sweating. The skin will be clammy and moist and the affected individual may exhibit giddiness, nausea and headache.

Heat stroke occurs when the body's temperature regulatory system has failed. The skin is hot, dry, red and spotted. The affected person may be mentally confused and delirious. Convulsions could occur. Early recognition and treatment of heat stroke are the only means of preventing brain damage or death. A person exhibiting signs of heat stroke should be removed from the work area to a shaded area. The person should be soaked with water to promote evaporation. Fan the person's body to increase cooling. Immediate medical assistance is needed in case of heat stroke. Dial 911 to request an ambulance.

Increased body temperature and physical discomfort also promote irritability and a decreased attention to the performance of hazardous tasks.

Early Symptoms of Heat-Related Health Problems:

- decline in task performance
- incoordination
- decline in alertness
- unsteady walk
- excessive fatigue
- reduced vigilance
- muscle cramps
- dizziness

Susceptibility to Heat Stress Increases due to:

- lack of physical fitness
- lack of acclimation
- increased age
- dehydration
- obesity
- drug or alcohol use
- sunburn
- infection

People unaccustomed to heat are particularly susceptible to heat fatigue. First timers in PPE need to gradually adjust to the heat.

The Effect of Personal Protective Equipment

Sweating normally cools the body as moisture is removed from the skin by evaporation. However, the wearing of certain PPE, particularly chemical protective coveralls (e.g., Tyvek), reduces the body's ability to evaporate sweat and thereby regulate heat buildup. The body's efforts to maintain an acceptable temperature can therefore become significantly impaired by the wearing of PPE.

Measures to Avoid Heat Stress:

The following guidelines should be adhered to when working in hot environments:

- Establish work-rest cycles (short and frequent are more beneficial than long and seldom).
- Identify a shaded, cool rest area.
- Rotate personnel, alternate job functions.
- Water intake should be equal to the sweat produced. Most workers exposed to hot conditions drink less fluids than needed because of an insufficient thirst. Do not depend on thirst to signal when and how much to drink. For an 8-hour work day, 50 ounces of fluids should be consumed.
- Eat lightly salted foods or drink salted drinks such as Gatorade to replace lost salt.
- Save most strenuous tasks for non-peak heat hours such as the early morning or at night.
- Avoid alcohol during prolonged periods of heat. Alcohol will cause additional dehydration.
- Avoid double shifts and/or overtime.

The implementation and enforcement of the above-mentioned measures will be the joint responsibility of the PM and SSO. Potable water and fruit juices should be made available each day for the field team.

Heat Stress Monitoring Techniques

Site personnel should regularly monitor their heart rate as an indicator of heat strain by the following method:

Check radial pulse rates by using fore- and middle fingers and applying light pressure to the pulse in the wrist for one (1) minute at the beginning of each rest cycle. If the pulse rate exceeds 110 beats/minute, shorten the next work cycle by one-third and keep the rest period the same. If, after the next rest period, the pulse rate still exceeds 110 beats/minute, shorten the work cycle again by one-third.

7.7.2 Cold Stress

Types of Cold Stress

Cold injury is classified as either localized, as in frostbite, frostnip or chilblain; or generalized, as in hypothermia. The main factors contributing to cold injury are exposure to humidity and high winds, contact with wetness and inadequate clothing.

The likelihood of developing frostbite occurs when the face or extremities are exposed to a cold wind in addition to cold temperatures. The freezing point of the skin is about 30°F. The fluids around the cells of the body tissue freeze, causing the skin to turn white. This freezing is due to exposure to extremely low temperatures. As wind velocity increases, heat loss is greater and frostbite will occur more rapidly.

Symptoms of Cold Stress

The first symptom of frostbite is usually an uncomfortable sensation of coldness, followed by numbness. There may be a tingling, stinging or aching feeling in the affected area. The most vulnerable parts of the body are the nose, cheeks, ears, fingers and toes.

Symptoms of hypothermia, a condition of abnormally low body temperature, include uncontrollable shivering and sensations of cold. The heartbeat slows and may become irregular, the pulse weakens and the blood pressure changes. Pain in the extremities and severe shivering can be the first warning of dangerous exposure to cold.

Maximum severe shivering develops when the body temperature has fallen to 95°F. This must be taken as a sign of danger and exposure to cold must be immediately terminated. Productive physical and mental work is limited when severe shivering occurs.

Methods to Prevent Cold Stress

When the ambient temperature, or a wind chill equivalent, falls to below 40°F, site personnel who must remain outdoors should wear insulated coveralls, insulated boot liners, hard hat helmet liners and insulated hand protection. Wool mittens are more efficient insulators than gloves. Keeping the head covered is very important, since 40% of body heat can be lost when the head is exposed. If it is not necessary to wear a hard hat, a wool knit cap provides the best head protection. A face mask may also be worn.

Persons should dress in several layers rather than one single heavy outer garment. The outer piece of clothing should ideally be wind and waterproof. Clothing made of thin cotton fabric or synthetic fabrics such as polypropylene is ideal since it helps to evaporate sweat. Polypropylene is best at wicking away moisture while still retaining its insulating properties. Loosely fitting clothing also aids in sweat evaporation. Denim is not a good protective fabric. It is loosely woven which allows moisture to penetrate. Socks with a high wool content are best. If two pairs of socks are worn, the inner sock should be smaller and made of cotton, polypropylene or a similar type of synthetic material that wicks away moisture. If clothing becomes wet, it should be taken off immediately and a dry set of clothing put on.

If wind conditions become severe, it may become necessary to shield the work area temporarily. The SSO and the PM will determine if this type of action is necessary. Heated break trailers or a designated area that is heated should be available if work is performed continuously in the cold at temperatures, or equivalent wind chill temperatures of 20^{o}F.

Dehydration occurs in the cold environment and may increase the susceptibility of the worker to cold injury due to significant change in blood flow to the extremities. Drink plenty of fluids, but limit the intake of caffeine.

8.0 Air Monitoring

8.1 Monitoring Parameters and Action Levels

Based on the existing Site data, it is not expected that significant levels of organic vapors will be encountered during the Site work. However, air monitoring will be conducted for VOCs. Air monitoring of the breathing zone at the source of ground intrusive work in addition to upwind and downwind of ground intrusive work will be conducted continuously during all ground intrusive activities to assure proper health and safety protection for the team, workers, passersby and adjoining community.

VOCs will be monitored with a PID in accordance with the NYSDOH Generic CAMP. If sustained VOC measurements 5 ppm above the background for the 15-minute average, then the intrusive work will be temporarily halted, dust suppression techniques will be implemented and more rigorous monitoring of VOCs and dust will be conducted. Level C respiratory protection may be donned in accordance with the HASP, if the action level is exceeded.

Fugitive dust generation that could affect Site workers, Site occupants, or the public is not expected because the majority of work will be conducted in moist soil. Soil that is not moist will be wetted as appropriate to minimize visible dust emissions. Particulate monitoring will be conducted at the perimeter of the Site (upwind and downwind stations). If dust levels are observed at 100 mirograms per cubic meter greater than the background concentrations for a duration exceeding 15 or more minutes, work activities will be suspended until dust levels are diminished to an acceptable level.

All monitoring instruments must be calibrated and maintained periodically. Calibration and on-site maintenance records will be kept in the field logbook. The operator must understand the limitations and possible sources of errors for each instrument. It is important that the operator checks that the instrument responds properly to the substances it was designed to monitor. Portable air quality monitoring equipment that measures total volatile organic compounds present such as the Rae Systems MiniRae 2000 (or equivalent) photo ionization detector (PID) must be calibrated at least once per week. Dust monitors must be calibrated at least once a week. The specific instructions for calibration and maintenance provided for each instrument should be followed.

See Appendix D (CAMP) of the RIWP for further detail.

Site air monitoring data will be reviewed weekly by a Certified Industrial Hygienist (CIH). Electronic copies of all air monitoring data will be maintained by the CIH. Air monitoring results will be recorded in the field book during site activities and made available for NYSDEC and NYSDOH review.

The following table summarizes **air monitoring action levels** established for the site:

Contaminants	Action level	Actions
Organic Vapor		Measure and record the upwind background concentration.
	Reading **less than 10 ppm** above background for a sustained period of 15 minutes in WBZ.	Continue work in Level D protection.
	Reading **greater than 10 ppm** above background for a sustained period of 15 minutes in the WBZ	Discontinue work, allow work area to ventilate, collect additional PID readings. If concentrations remain greater than 10 ppm, work can resume in Level C protection with respiratory protection equipped with organic vapor cartridges.
	Readings **greater than 100 ppm** above background for a sustained period of 15 minutes in the WBZ.	Discontinue work, allow work area to ventilate, collect additional PID readings until concentrations are below 100 ppm before work can resume.
Dusts		Measure and record the upwind background concentration.
	Reading **less than 0.5 mg/m3** or above background for a sustained period of 15 minutes in the WBZ.	Continue work in level D protection.
	Reading **greater than 5.0 mg/m3** or above background for a sustained period of 15 minutes in the WBZ	Discontinue work. Employ dust suppression using a water spray, collect additional airborne dust measurements. If concentrations remain greater than 0.5 mg/m^3, work can resume in Level C protection with respiratory protection equipped with P-100 cartridges.

8.2 Direct Reading Instruments

A PID such as the RAE MiniRAE 2000, equipped with a 10.6 eV lamp, shall be used to monitor total VOCs during soil excavation activities. The PID is an appropriate direct-read monitoring instrument given the suspected presence of VOC contamination in on-site soil.

If warranted, based on visual observations, dust levels will be monitored using a particulate air monitoring instrument (PM10).

8.3 Personal Air Sampling

Due to the potential exposure to lead dust, OSHA standard 1926.62 requires the collection of initial personal air samples during the proposed activities. Attachment E provides a summary of the lead dust exposure monitoring requirements.

8.4 Recordkeeping

Air monitoring results will be recorded in the field book during construction activities and made available for review upon request.

Site air monitoring data will be reviewed weekly by the HSM. Electronic copies of all air monitoring data will be maintained by the HSM.

All personal exposure monitoring data pursuant to measuring exposure to lead dust must be maintained for the employee's duration of employment plus 30 years in accordance with OSHA standard 1910.1020, Access to Employee Exposure and Medical Records.

9.0 Personal Protective Equipment

PPE will be worn during site activities to prevent on-site personnel from being injured by the safety hazards posed by the site and/or the activities being performed. In addition, chemical protective clothing will be worn to prevent direct dermal contact with the site's chemical contaminants.

In general, field activities will be conducted in Level D PPE, as described in the table below. PPE will be upgraded to Level C if air monitoring demonstrates VOCs, or dust concentrations in the breathing zone exceeding the action levels outlined in Section 9.1.

If the concentration of volatile organics which can be detected with a PID equals or exceeds the specified action level (100 ppm) all field personnel associated with the project will immediately retreat to a location up-wind of the source of contamination. At this point the SSO must consult with the HSM, who will review the condition with PVEDI home office staff to discuss appropriate actions.

If employees' exposure to lead dust exceed the PEL, the employees will be required to wear half-mask, air-purifying respirator equipped with organic vapor/PM100 cartridges.

9.1 Chemical Protective Clothing

The following tables describe the Level D and Level C PPE and chemical protective clothing to be worn for general site activities and for certain specific tasks.

Level D PPE

PPE Item	Utility Mark Out	Soil Borings	Groundwater Sampling	Soil Vapor Sampling
Hard Hat	✓	✓	✓	N/A
Steel Toed Safety Shoes	✓	✓	✓	N/A
Safety Glasses with Side shields		✓	✓	N/A
Traffic Vests	*	*	*	N/A
Inner PVC/Outer Nitrile Gloves		✓	✓	N/A
Hearing Protection		✓		N/A

Level C PPE

PPE Item	Utility Mark Out	Soil Borings	Groundwater Sampling	Soil Vapor Sampling
Hard Hat	✓	✓	✓	N/A
Steel Toed Safety Shoes	✓	✓	✓	N/A
Safety Glasses with Side shields	✓	✓	✓	N/A
Traffic Vests	*	*	*	N/A
Inner PVC/Outer Nitrile Gloves	✓	✓	✓	✓
Hearing Protection		✓		✓
Half-Face Respirator	✓	✓	✓	✓
Tyvek Protective Suit	✓	✓	✓	✓

* - when working in or near street

9.2 Respiratory Protection

Level D PPE: No respiratory protection required. Air monitoring devices will be used to determine when PPE will be upgraded to include respiratory protection (Section 6.2.2 and 8.0).

Level C PPE: Half-mask, air-purifying respirator equipped with organic vapor/PM100 cartridges.

Respiratory protection will also be worn if odors become objectionable at any time, if respiratory tract irritation is noticed, or if VOCs are detected in the breathing zone as discussed in Section 6.2.2. All on-site personnel who are expected to wear respiratory protection must have successfully passed a qualitative or quantitative fit-test within the past year for the brand, model and size respirator they plan to wear during the proposed activities.

9.3 Other Safety Equipment

The field team will bring the following additional safety items to the site for use as necessary:

- Portable, hand-held eyewash bottles
- First aid kit
- Portable communications equipment
- Fire Extinguisher

10.0 Site Control

10.1 Work Zones

To prevent both exposure of unprotected personnel and migration of contamination due to tracking by personnel or equipment, work areas along with personal protective equipment requirements will be clearly identified. Work areas or zones will be designated as suggested in the "Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities," NIOSH/OSHA/USCG/EPA, November, 1985. They recommend the areas surrounding each of the work areas to be divided into three zones:

- Exclusion or "hot" Zone
- Contamination Reduction Zone (CRZ)
- Support Zone

10.1.1 Exclusion Zone

An exclusion zone (work zone) will be established around each boring location. This zone will move as work progresses to each boring location. This zone should be large enough (i.e. 20-foot radius) to protect unprotected personnel from contact with vapors or dust that may arise from these operations as well as the physical hazards associated with the operation of heavy equipment. Traffic cones or tape will be used to demarcate the active exclusion zone.

All personnel entering the exclusion zone must be trained in accordance with the requirements defined in Section 12.2 of this HASP and must wear the prescribed level of personal protective equipment.

10.1.2 Contamination Reduction Zone

The decontamination zone will be established adjacent to the exclusion zone. Personnel will remove contaminated gloves and other disposable items in this area and place them in a plastic bag until they can be properly disposed of. Reusable equipment, if any, will be decontaminated with tap water, deionized water, methanol, nitric acid and a liquid detergent solution. A complete description of decontamination procedures is presented in Appendix E – Standard Operating Procedure to the Remedial Investigation Work Plan.

10.1.3 Support Zone

At this site, the support zone will include the area outside of the decontamination zone.

10.2 Safety Practices

The following measures are designed to augment the specific health and safety guidelines provided in this plan.

- Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the immediate work area and the decontamination zone.
- Smoking is prohibited in all work areas. Matches and lighters are not allowed in these areas.
- Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.
- Beards or other facial hair that interfere with respirator fit are prohibited.
- The use of alcohol or illicit drugs is prohibited during the conduct of field operations.
- All equipment must be decontaminated or properly discarded before leaving the site in accordance with the project work plan.

11.0 Decontamination

Decontamination of equipment and personnel potentially exposed to lead must be in accordance with lead standard 29 CFR 1926.62. See Attachment E for further details.

11.1 Personal Decontamination

Proper decontamination is required of all personnel before leaving the site. Decontamination will occur within the contamination reduction zone. Disposable PPE will be removed in the decontamination zone and placed in lined garbage bags.

If worn, respirators will be cleaned after each use with respirator wipe pads and will be stored in plastic bags after cleaning.

Regardless of the type of decontamination system required, a container of potable water and liquid soap will be made available so employees can wash their hands before leaving the site for lunch or for the day.

11.2 Equipment Decontamination

Reusable equipment, if any, will be decontaminated with tap water, deionized water, methanol, nitric acid and a liquid detergent solution. A complete description of decontamination procedures is presented in Appendix E – Standard Operating Procedure to the Work Plan.

12.0 Medical Monitoring and Training Requirements

12.1 Medical Monitoring

Due to the potential exposure to lead dust, OSHA standard 1926.62 requires baseline medical surveillance for personnel working at the site. Medical monitoring requirements are summarized in Attachment E.

12.2 Health and Safety Training

Although not a requirement for the activities at this site, personnel performing activities covered by this HASP are recommended to have completed the appropriate training requirements specified in 29 CFR 1910.120(e). Each individual should have completed an annual 8-hour refresher-training course and/or initial 40-hour training course within the last year prior to performing any work on the sites covered by this HASP.

Furthermore, if employee exposure monitoring results determine lead exposure to be present, employees should be trained in accordance with 1926.62. See Attachment E for details.

12.3 Pre-Entry Briefing

The SSO will conduct a pre-entry briefing before site activities begin. HASP receipt and acceptance sheets will be collected at this meeting. Short safety refresher meetings will be conducted, as needed, throughout the duration of the project. Attendance of the pre-entry meeting is mandatory and will be documented by the SSO. An attendance form is presented in Attachment B.

13.0 Emergency Response

OSHA defines emergency response as any "response effort by employees from outside the immediate release area or by other designated responders (i.e., mutual-aid groups, local fire departments, etc.) to an occurrence which results, or is likely to result in an uncontrolled release of a hazardous substance." On-site personnel shall not participate in any emergency response where there are potential safety or health hazards (i.e., fire, explosion, or chemical exposure). Response actions will be limited to evacuation and medical/first aid as described within this section below. As such this section is written to comply with the requirements of 29 CFR 1910.38 (a).

The basic elements of an emergency evacuation plan include:

- employee training,
- alarm systems,
- escape routes,
- escape procedures,
- critical operations or equipment,
- rescue and medical duty assignments,
- designation of responsible parties,
- emergency reporting procedures and
- methods to account for all employees after evacuation.

13.1 Employee Training

Employees must be instructed in the site-specific aspects of emergency evacuation. On-site refresher or update training is required anytime escape routes or procedures are modified or personnel assignments are changed. The SSO must verify the specific evacuation procedures that the facility prefers contractors follow in the event of a facility-related emergency. This information will be communicated to the field team during the pre-entry briefing.

13.2 Alarm Systems/Emergency Signals

An emergency communication system must be in effect at all sites. The most simple and effective emergency communication system in many situations will be direct verbal communication. Each site must be assessed at the time of initial site activity and periodically as the work progresses. Verbal communication must be supplemented anytime voices cannot be clearly perceived above ambient noise levels (i.e., noise from drilling probe) and anytime a clear line-of-sight cannot be easily maintained among all personnel because of distance, terrain or other obstructions.

Verbal communication will be adequate to warn on-site personnel of hazards associated with the immediate work area. However, the two-person sampling team may be split up

during the day to expedite sampling. Each team member will be equipped with a cellular phone to ensure immediate communication can occur between each other. These phones can also be used to contact local emergency responders.

13.3 Escape Routes and Procedures

The SSO will verify the escape routes from each work area with a facility representative. Assembly areas must also be identified. The escape routes and assembly areas will be reviewed during the pre-entry briefing. All personnel on site are responsible for knowing the escape route from the site and where to assemble after evacuation.

13.4 Rescue and Medical Duty Assignments

The phone numbers of the police and fire departments, ambulance service, local hospital, and project representatives are provided in the emergency reference sheet and on the cover of this HASP. This sheet will be posted in the site vehicle.

In the event an injury or illness requires more than first aid treatment, the SSO will accompany the injured person to the medical facility and will remain with the person until release or admittance is determined. The SSO will relay all appropriate medical information to the on-site project manager and the HSM.

If the injured employee can be moved from the accident area, he or she will be brought to the contamination reduction zone where their PPE will be removed. If the person is suffering from a back or neck injury the person will not be moved and the requirements for decontamination do not apply. The SSO must familiarize the responding emergency personnel about the nature of the site and the injury. If the responder feels that the PPE can be cut away from the injured person's body, this will be done on-site. If this not feasible, decontamination will be performed after the injured person has been stabilized.

13.5 Designation of Responsible Parties

The SSO is responsible for initiating emergency response. In the event the SSO cannot fulfill this duty, the PM or HSO will take charge.

13.6 Employee Accounting Method

The SSO is responsible for identifying all personnel on-site at all times. On small, short duration jobs this can be done informally as long as accurate accounting is possible.

13.7 Accident Reporting and Investigation

Any incident (other than minor first aid treatment) resulting in injury, illness or property damage requires an accident investigation and report. The investigation should be conducted as soon as emergency conditions are under control. The purpose of the

investigation is not to attribute blame but to determine the pertinent facts so that repeat or similar occurrences can be avoided. An accident investigation form is presented in Attachment C of this HASP. The Supervisor of the injured personnel and the HSM should be notified immediately of the injury.

If a subcontractor personnel is injured, they are required to notify the SSO. Once the incident is under control, the subcontractor will submit a copy of their company's accident investigation report to the SSO.

Emergency references

Ambulance:	Notify 911
Emergency Room:	Notify 911
Fire:	Notify 911
NYSDEC Spill Hotline:	1 (800) 457-7362
NYSDEC Project Manager:	Michael Belveg (315) 426-7446
NYSDOH Project Manager:	Sara Bogardus (315) 477-8472
Client Representative:	Conor Tarbell (845) 454-2544
Police:	Notify 911
Hospital:	**UHS Binghamton General Hospital** 10-42 Mitchell Avenue Binghamton, New York 13903 (607) 762-2200

ATTACHMENT A

Health and Safety Plan Receipt and Acceptance Form

Health and Safety Plan Receipt and Acceptance Form

Remedial Investigation
1 North Depot
City of Binghamton, New York
NYSDEC #C704064

I have received a copy of the Health and Safety Plan prepared for the above-referenced site and activities. I have read and understood its contents and I agree that I will abide by its requirements.

Name/Signature	Organization	Date

ATTACHMENT B

Health and Safety Plan Pre-Entry Briefing Attendance Form

Health and Safety Plan Pre-Entry Briefing Attendance Form

Remedial Investigation
1 North Depot
City of Binghamton, New York
NYSDEC #C704064

Briefing Conducted By: _____

Date Performed: _____

Printed Name	Signature	Representing

ATTACHMENT C

Supervisor's Accident Investigation Report Form

SUPERVISOR'S ACCIDENT INVESTIGATION REPORT

Injured Employee _____ Job Title _____

Home Office _____ Division/Department _____

Date/Time of Accident _____

Location of Accident _____

Witnesses to the Accident _____

Injury Incurred? _____ Nature of Injury _____

_____

Engaged in What Task When Injured? _____

_____

Will Lost Time Occur? ___ How Long? _____ Date Lost Time Began _____

Were Other Persons Involved/Injured? _____

_____

How Did the Accident Occur? _____

_____

_____

_____

_____

What Could Be Done to Prevent Recurrence of the Accident? _____

_____

_____

What Actions Have You Taken Thus Far to Prevent Recurrence? _____

_____

_____

Supervisor's Signature _____ Title _____ Date _____

Reviewer's Signature _____ Title _____ Date _____

Note: If the space provided on this form is insufficient, provide additional information on a separate page and attach. The completed accident investigation report must be submitted to the Health and Safety Manager within two days of the occurrence of the accident.

ATTACHMENT D

Chemical Hazard and MSDS Sheets

ATTACHMENT E

Summary of OSHA Lead in Construction Standard (29CFR1926.62)

(a) Scope
This standard covers all construction work where an employee may be exposed to lead, including metallic lead, inorganic lead compounds, and organic lead soaps, but not organic lead compounds.

(b) Definitions
An airborne lead level of 30 µg/m3 is called the Action Level (AL). Having airborne lead concentrations at or above the AL triggers certain health and safety measures described in this standard.

(c) Permissible Exposure Limit (PEL)
The 8-hour Permissible Exposure Limit (PEL) is 50 µg/m3 of airborne lead. If the work day is longer than 8 hours, the PEL is 400/number of hours worked per day. The employer must ensure that no employee is exposed to lead at concentrations over the PEL.

(d) Exposure Assessment
Exposure assessment must be performed in all workplaces where employees may be exposed to lead.

(d)(1) Protection of Employees During Assessment of Exposure

Three sets of specified tasks (often referred to as “trigger tasks”) trigger basic protective measures where lead is present, until the employer performs an employee exposure assessment. (Exposure assessment is an initial determination via air monitoring, or previous monitoring of a very similar job within the last 12 months.) For all three sets of tasks, employers are required to provide the following basic protective measures until air monitoring indicates exposure levels are at or below the PEL:

- Appropriate respiratory protection (type of respirator is specified according to assumed airborne lead level)
- Appropriate personal protective equipment
- clean work clothes such as coveralls at least weekly (daily if greater than 200 µg/m3 lead in air); gloves, hats, shoes or disposable shoe coverlets, face shields, vented goggles or other appropriate equipment.
- Change areas with separate storage facilities for work and street clothes - the employer shall assure that employees do not leave the workplace with work clothes or equipment.
- Hand washing facilities - the employer shall assure that employees wash their hands and face at the end of each work shift.
- Biological monitoring - consisting of initial or baseline blood sampling for lead and zinc protoporphyrin (ZPP).
- Training - includes Hazard Communication, respirator and lead training.

(d)(2) Exposure Assessment (Air monitoring)

When air monitoring is conducted, the employer shall collect full-shift personal samples representative of an employee's regular, daily exposure to lead. Monitoring should include at least one sample for each job classification in each work area either for each shift or for the shift with the highest exposure level.

(d)(3) Basis of Initial Determination

The basis of initial determination, or initial assessment of employee exposure, will be employee exposure monitoring results and relevant considerations (e.g., observations, complaints) with the following two exceptions:

- Where the employer has previously monitored for lead exposures, and the data were obtained within the past 12 months during closely similar workplace operations and conditions, the employer may rely on the earlier results; or
- Where the employer has objective data, demonstrating that a particular product or material containing lead or specific process, operation or activity involving lead cannot result in an employee exposure to lead at or above the AL during processing, use or handling, the employer may rely upon such data instead of implementing initial monitoring.

(d)(6) Frequency of Exposure Assessment

If the initial determination shows exposures less than the AL, no further assessment is needed until there has been a change of equipment, process, control, personnel or a new task has been initiated.

If the initial determination is at or above the AL but at or below the PEL, then monitoring shall be done at least every six months.

If the initial determination is above the PEL, then monitoring shall be done quarterly.

(e) Methods of Compliance

Exposures over the PEL shall be reduced through engineering, work practice and administrative controls, to the extent feasible. Respirators may be used to supplement other controls.

Prior to the commencement of any job where exposures may reach the PEL, the employer shall establish and implement a written compliance program, describing the lead-emitting activities and the means by which exposures will be controlled.
The compliance program shall provide for frequent, regular jobsite inspections by a person who is capable of identifying lead hazards and has authorization to take prompt corrective measures.
Where mechanical ventilation is used, the employer shall evaluate the performance as

necessary to maintain effectiveness.

(f) Respiratory Protection

Where respirators are used, they shall be selected on the basis of air monitoring results, with the minimum level of respirator as indicated in Table 1 below. Until monitoring results are available, the appropriate respirator is determined according to the assumed exposure associated with the task being performed, as per subsection (d) (2).

Where respirators are used, the employer shall institute a complete, written respiratory protection program in accordance with OSHA's Respiratory Protection Standard, 1910.134. The program shall outline procedures for selection, medical evaluations, use, training, cleaning and sanitizing, storage, inspection and maintenance of respirators. The program shall be evaluated by regular inspections.

(g) Protective Work Clothing and Equipment

When an employee is exposed to lead above the PEL (without regard to whether a respirator is worn), or to lead compounds which may cause irritation, the employer shall provide and assure the employee uses appropriate protective work clothing, such as coveralls or other full-body work clothing, gloves, hats, shoes or shoe coverings, and face shields, goggles or other protective equipment as needed.

Work clothing shall be provided at least weekly for employees exposed over the PEL, except daily for those exposed at levels higher than 200 µg/m3.

The employer shall provide for the cleaning or disposal of protective clothing and equipment. Clothing to be laundered must be placed in a closed container, labeled to indicate it contains lead, and the launderer must be notified of the potentially harmful effects of lead exposure.

Cleaning of protective clothing or equipment by blowing, shaking or any other means that disperses lead into the air is prohibited.

(h) Housekeeping

All surfaces shall be maintained as free as practicable of accumulations of lead. Vacuums equipped with toxic dust-removing HEPA filters are the preferred method of cleaning surfaces where lead accumulates. Other types of vacuums may not be used.

Shoveling, dry or wet sweeping, and brushing may be used only where HEPA vacuuming has been tried and found to be ineffective.

Use of compressed air for cleaning is prohibited, unless there is a ventilation system to capture the dust created by the compressed air.

(i) Hygiene Facilities, Practices and Regulated Areas

The employer shall assure that all employees exposed to lead above the PEL wash their hands and face prior to eating, drinking, smoking or applying cosmetics.
The employer shall provide, for ALL employees exposed to lead, adequate hand washing facilities, and assures (in the absence of shower facilities) that employees wash their hands and face at the end of the work shift.

In areas where employees are exposed to lead above the PEL, the employer shall assure that food or beverages are not present or consumed, tobacco products are not present or used and cosmetics are not applied.

Employees exposed to lead above the PEL shall be provided with clean change areas with separate storage facilities for work and street clothing, to prevent cross-contamination.

The employer shall assure that employees do not leave the workplace wearing any protective clothing or equipment that was worn during the work shift.

Shower facilities, soap and towels shall be provided, where feasible, for employees exposed to lead above the PEL, and the employer shall assure that these employees shower at the end of the work shift.

Employees exposed to lead above the PEL shall be provided with a clean lunchroom or eating area. The employer shall assure that the lunch area is kept free from lead accumulation and that employees do not enter the lunch area with protective work clothing or equipment that has not been cleaned by vacuuming or other method that limits dispersion of lead dust.

(j) Medical Surveillance

The employer shall assure that the lead medical program (including all medical examinations and procedures performed) is under the supervision of a licensed physician. The employee has the right to seek a second medical opinion regarding the lead medical evaluation, at the expense of the employer, and if necessary, a third physician may be requested to resolve any disagreements between the first two.

Prophylactic chelation, the routine use of chelating drugs to lower blood lead levels in persons occupationally exposed to lead is prohibited.

(j)(2) Biological Monitoring

Initial blood sampling and analysis for blood lead levels (BLL) and zinc protoporphyrin (ZPP) are required for employees performing any of the specified trigger tasks, or for any employee exposed to an air lead level at or above the AL for at least 1 day.

Employees who are or may be exposed at or above the AL for more than 30 days in any consecutive 12 months, must be enrolled in a medical surveillance program, including BLL and ZPP at least every 2 months for the first 6 months, and every 6 months thereafter.

Any employee with a BLL at or above 40 µg/dl shall have a BLL and ZPP every two months until two consecutive samples are less than 40 µg/dl.

Any employee with a BLL above 50 µg/dl shall receive a follow-up BLL within 2 weeks after the employer receives the results of the first test.

For those employees temporarily removed from their jobs involving lead exposure (see subsection (k), Medical Removal Protection), a BLL and ZPP must be provided every month during the removal period.

(j)(3) Medical Examinations and Consultations

A medical exam shall be provided annually for all employees who had a BLL at or above40 µg/dl during the preceding 12 months.

A medical exam shall be provided to any employee who reports signs or symptoms related to lead poisoning, desires medical advice regarding the effects of lead exposure on the employee's ability to produce a healthy child, is pregnant, or has difficulty breathing while wearing a respirator.

A medical exam shall be provided as medically appropriate to any employee removed from his/her usual job involving exposure to lead.

(k) Medical Removal Protection (MRP)

(k)(1) Temporary Medical Removal and Return

The employer shall remove an employee from work involving exposure to lead at or above the AL on each occasion that a BLL and follow-up test is at or above 50 µg/dl.

An employee who has been removed due to an elevated BLL can return to his/her former job after having two consecutive BLLs at or below 40 µg/dl.

(l) Employee Information and Training

The employer shall provide information about lead hazards, according to the Hazard Communication Standard 1910.1200, to all employees exposed to lead.

For all employees exposed to lead at or above the AL on any day, exposed to lead compounds that cause eye or skin irritation, or who perform any of the specified trigger tasks, the employer shall provide initial (pre-placement) training that includes: the content of this standard and appendices; the operations that may cause lead exposure at or above the

AL; the purpose, proper selection, fitting, use and limitations of respirators; the purpose and description of the medical surveillance program, including the adverse health effects of lead exposure (especially on reproduction); the engineering controls and work practices relevant to the employee's job assignment; the contents of any compliance plan in effect; the location of regulated areas; the prohibition against routine use of chelation agents; the employee's right of access to records.

For all employees exposed to lead at or above the AL on any day, the above training must be provided annually.

(m) Signs

In regulated areas (work areas where employee exposure is above the PEL and/or trigger tasks are performed), the employer shall post a warning sign with the words:

WARNING: LEAD WORK AREA
POISON - NO SMOKING OR
EATING

(n) Record Keeping

The employer is required to maintain detailed records on exposure assessment, including any objective data used for exemption from air monitoring requirements, medical surveillance and medical removals.

(o) Observation of Monitoring

The employer shall provide affected employees or their designated representatives an opportunity to observe any monitoring of employee lead exposure. Observers shall be provided with and use protective equipment if required in the area, receive an explanation of the measurement procedures, observe all steps related to monitoring, and receive copies of the results.

FIGURES

Figure # 1 – Site Location

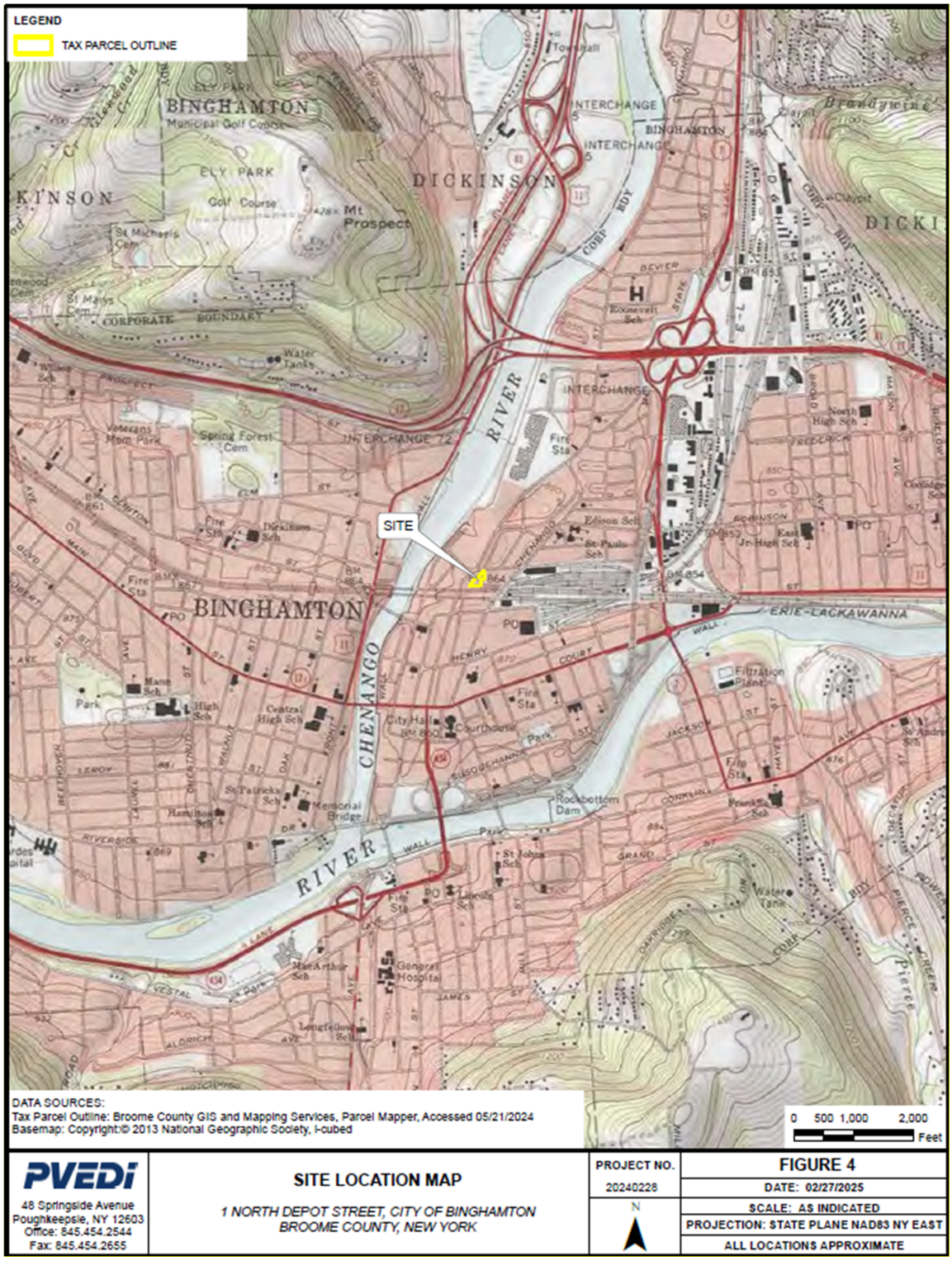
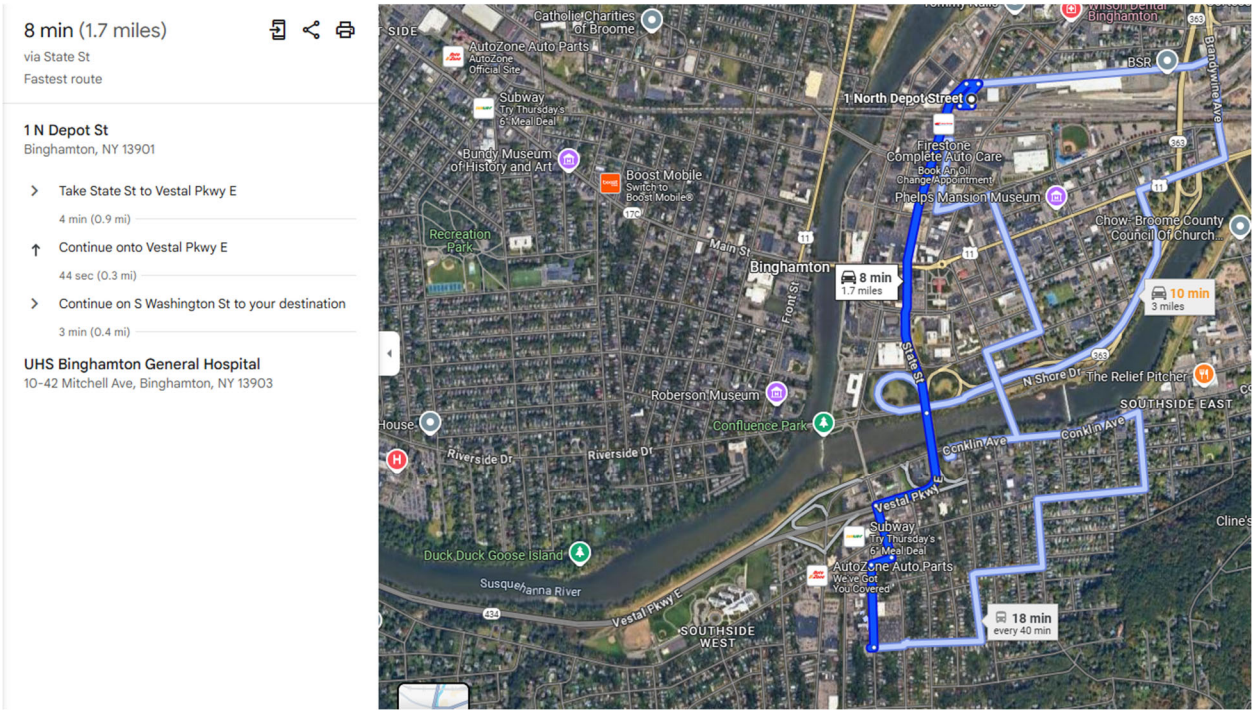


Figure # 2 – Site Features Map



Figure #3 – Route to Nearest Hospital



APPENDIX C
CITIZEN PARTICIPATION PLAN

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan
for
1 North Depot

December 2025

BCP Site #C704064
1 North Depot Street
City of Binghamton
Broome County, New York

Contents

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* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the Site's investigation and cleanup process.

Applicant: **Residences at North Depot LLC**
Site Name**: 1 North Depot**
Site Address: **1 North Depot Street, Binghamton, NY 13901**
Site County: **Broome**
Site Number: **C704064**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as brownfields so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The New York State Department of Environmental Conservation (NYSDEC) administers the BCP and oversees applicants who conduct brownfield site investigation and cleanup activities. An applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP includes investigation and cleanup requirements that ensure cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, visit: http://www.dec.ny.gov/chemical/8450.html .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well-being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment

- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process

- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process

- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community

- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the applicant.

Project Contacts

Appendix A identifies NYSDEC project contacts to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the Site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC website. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The site contact list includes, at a minimum:

- chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- residents, owners, and occupants of the site and properties adjacent to the site;
- the public water supplier which services the area in which the site is located;
- any person who has requested to be placed on the site contact list;
- the administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

Note: The first site fact sheet (usually related to the draft Remedial Investigation Work Plan) is distributed both by paper mailing through the postal service and through DEC Delivers, the agency's email listserv service. The fact sheet includes instructions for signing up with the appropriate county listserv to receive future notifications about the Site. See http://www.dec.ny.gov/chemical/61092.html .

Subsequent fact sheets about the site will be distributed exclusively through the listserv, except for households without internet access that have indicated the need to continue to receive Site information in paper form. Please advise the NYSDEC site project manager identified in Appendix A if that is the case. Paper mailings may continue during the investigation and cleanup process for some sites, based on public interest and need.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.

- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the Site contact list and changes in planned citizen participation activities.

Technical Assistance Grant

NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being

or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

As of the date the declaration (page 2) was signed by the NYSDEC project manager, the significant threat determination for the site had not yet been made.
To verify the significant threat status of the site, the interested public may contact the NYSDEC project manager identified in Appendix A.

For more information about TAGs, visit http://www.dec.ny.gov/regulations/2590.html

Note: The table identifying the citizen participation activities related to the site's investigation and cleanup program follows on the next page:

Citizen Participation Activities	Timing of CP Activity(ies)
Application Process:	
• Prepare Site contact list • Establish document repository	At time of preparation of application to participate in the BCP.
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to Site contact list • Conduct 30-day public comment period	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the Site contact list should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement (BCA):	
• Prepare Citizen Participation (CP) Plan	Before start of Remedial Investigation **Note:** Applicant must submit CP Plan to NYSDEC for review and approval within 20 days of the effective date of the BCA.
Before NYSDEC Approves Remedial Investigation (RI) Work Plan:	
• Distribute fact sheet to Site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan • Conduct 30-day public comment period	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
After Applicant Completes Remedial Investigation:	
• Distribute fact sheet to Site contact list that describes RI results	Before NYSDEC approves RI Report
Before NYSDEC Approves Remedial Work Plan (RWP):	
• Distribute fact sheet to Site contact list about draft RWP and announcing 45-day public comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager) • Conduct 45-day public comment period	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
Before Applicant Starts Cleanup Action:	
• Distribute fact sheet to Site contact list that describes upcoming cleanup action	Before the start of cleanup action.
After Applicant Completes Cleanup Action:	
• Distribute fact sheet to Site contact list that announces that cleanup action has been completed and that NYSDEC is reviewing the Final Engineering Report • Distribute fact sheet to Site contact list announcing NYSDEC approval of Final Engineering Report and issuance of Certificate of Completion (COC)	At the time the cleanup action has been completed. **Note:** The two fact sheets are combined when possible if there is not a delay in issuing the COC.

3. Major Issues of Public Concern

This section of the Citizen Participation Plan identifies major issues of public concern related to the site. Additional major issues of public concern may be identified during the course of the site's investigation and cleanup process. DEC will continue to communicate next steps to the public.

The subject property includes a warehouse and an asphalt parking lot. A previous Phase II Environmental Site Assessment (ESA) investigation conducted by PVE Engineering in 2024 identified contamination in local soil and soil vapor consisting of volatile organic compounds (VOCs), chlorinated VOCs (cVOCs), semi-volatile organic compounds (SVOCs), and metals. Soil, soil vapor, and sub-slab soil vapor samples at the site will be further investigated to fully identify soil and soil vapor contamination from former site operations. The site was admitted into the NYSDEC BCP in 2025.

There may be impacts related to noise, truck and railroad traffic during investigation, remediation, and redevelopment.

Additional detailed information is available through project contacts described in Appendix A and/or contained within the submitted NYSDEC BCP Application located on DECinfo Locator.

4. Site Information

Appendix C contains a map identifying the location of the Site.

Site Description

The site is comprised of one tax parcel located in the City of Binghamton, Broome County, New York, in a residential and commercial area. See site location map below in Appendix C.

The site is bordered to the north by a commercial area at 95 Prospect Avenue and a residential area at 108 Prospect Avenue, to the east by a parking lot at 10 Eldrege Street and a commercial area at 21 North Depot Street, to the south by railroad tracks and a storage yard, and to the west by a commercial area at 89 Prospect Avenue.

History of Site Use, Investigation, and Cleanup

The earliest available record, an 1887 Sanborn Map, depicted the subject property as a single building occupied by wholesale groceries, a cigar factory, and a machine shop. The subject property has been used as wholesale groceries, a cigar factory, warehouse and wholesale meats as depicted in Sanborn Maps dated 1898. The building was

utilized for wholesale groceries, wholesale hardware and wholesale meats as indicated in Sanborn Maps dated 1918-1952. The subject property remained utilized for wholesale groceries, wholesale hardware, and wholesale meats, and warehouse space as depicted in Sanborn Maps dated 1970. According to the Environmental Data Resources (EDR) city directory search, between 1930-1964 the property was identified as Kingsley Company, a wholesale hardware company, Mc Tighe Grocery Company, and Darling Meats and Provisions Company. In 1974 the Lander's Company also used portions of the property for warehouse space. Other years and occupants were not listed by the research source. Currently this subject property and structure are vacant.

According to the Phase I ESA provided by Keystone Associates, surrounding properties are not anticipated to present a significant environmental concern to the subject property.

Based on historical information, the site is in an area dominated by industrial and commercial activities since the 1890s.

Previous environmental assessments:

- **Phase I Environmental Site Assessment**, *Keystone Associates, October 5, 2015*
- **Phase II Environmental Site Assessment***, PVE Engineering, July 12, 2024*
- **Preliminary Remedial Investigation Report***, PVEDI, August 11, 2025*

In general, these previous environmental assessments identified contaminants in soils, groundwater and soil vapor exceeding the applicable regulatory limits. Known contaminants consist of VOCs, cVOCs, SVOCs, and heavy metals.

5. Investigation and Cleanup Process

Application

The applicant applied for and has been accepted into New York's Brownfield Cleanup Program as a volunteer. This means that the applicant was not responsible for the disposal or discharge of the contaminants or the ownership or operation of the site took place after the discharge or disposal of contaminants. The volunteer must fully characterize the nature and extent of contamination on-site, and must conduct a qualitative exposure assessment, a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the site and to contamination that has migrated from the site.

The applicant in its application proposes that the site will be used for restricted purposes.

To achieve this goal, the applicant will conduct investigation activities at the site with oversight provided by NYSDEC. NYSDEC and the applicant will execute the Brownfield Cleanup Agreement by setting forth the responsibilities of each party in conducting these activities at the site.

Investigation

The applicant will conduct an investigation of the site officially called a remedial investigation. This investigation will be performed with NYSDEC oversight. The applicant must develop a remedial investigation workplan, which is subject to public comment.

The site investigation has several goals:

1) define the nature and extent of contamination in soil, groundwater and any other parts of the environment that may be affected;
2) identify the source(s) of the contamination;
3) assess the impact of the contamination on public health and the environment; and
4) provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

The applicant submits a draft “Remedial Investigation Work Plan” to NYSDEC for review and approval. NYSDEC makes the draft plan available to the public review during a 30-day public comment period.

When the investigation is complete, the applicant will prepare and submit a report that summarizes the results. This report also will recommend whether cleanup action is needed to address site-related contamination. The investigation report is subject to review and approval by NYSDEC.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is identified as significant threat, it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the applicant and approved by NYSDEC. If the site does not pose a significant threat, the applicant may select the remedy from the approved analysis of alternatives.

Interim Remedial Measures

An Interim Remedial Measure (IRM) is an action that can be undertaken at a site when

a source of contamination or exposure pathway can be effectively addressed before the site investigation and analysis of alternatives are completed. If an IRM is likely to represent all or a significant part of the final remedy, NYSDEC will require a 30-day public comment period.

Remedy Selection

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The applicant may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a "Certificate of Completion" (described below) to the applicant.

or

2. The applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the applicant may then develop a cleanup plan, officially called a "Remedial Work Plan." This plan describes the applicant's proposed remedy for addressing contamination related to the site.

When the applicant submits a draft Remedial Work Plan for approval, NYSDEC would announce the availability of the draft plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The selected remedy is formalized in the site decision document.

The applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the final engineering report. NYSDEC then will issue a Certificate of Completion (COC) to the applicant. The COC states that cleanup goals have been achieved and relieves the applicant from future liability for site-related contamination, subject to certain conditions. The applicant would be eligible to redevelop the site after it receives a COC.

Site Management

The purpose of site management is to ensure the safe reuse of the property if contamination will remain in place. Site management is the last phase of the cleanup program. This phase begins when the COC is issued. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An *engineering control* is a physical barrier or method to manage contamination. Examples include caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that pumps and treats groundwater. Site management continues until NYSDEC determines that it is no longer needed.

Appendix A -
Project Contacts and Locations of Reports and Information

Project Contacts

For information about the Site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Michael Belveg
Project Manager
NYSDEC
Division of Environmental Remediation
5786 Widewaters Parkway
Syracuse, New York 13214
Phone: 315-426-7446
Email: michael.belveg@dec.ny.gov

Region 7 Communications
NYSDEC Region 7
5786 Widewaters Parkway
Syracuse, New York 13214
Phone: 315-426-7400
Email: info.r7@dec.ny.gov

New York State Department of Health (NYSDOH):

Jacob Tyler
Engineer Trainee (Environmental)
NYSDOH
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower,
Room 1717, Albany, New York 12237
Phone: (518) 408-9064
Email: Jacob.Tyler@health.ny.gov

Locations of Reports and Information

Access the application and other relevant documents online through the DECinfo Locator at https://appfactory.dec.ny.gov/DERExternalSearch/ERDDetails?SiteCode=C704064.

Appendix B - Site Contact List

City of Binghamton:

City of Binghamton City Mayor	Planning Board Chairman
Jared Kraham 38 Hawley Street Binghamton, New York 13901 607-772-7001	Nicholas Corcoran 38 Hawley Street Binghamton, New York 13901 607-772-7001

Broome County:

Broome County Executive	Planning Board Chairman
Jason T. Garnar 60 Hawley Street Binghamton, New York 13901 607-778-2109	Anthony F. Fiala, Jr. 60 Hawley Street Binghamton, New York 13901 607-778-2131

New York State Legislature:

NYS Assembly	NYS Senate
123rd District: Donna A. Lupardo 44 Hawley Street Binghamton, New York 13901 607-723-9047	52nd District: Lea Webb 44 Hawley Street Binghamton, New York 13901 607-773-8771

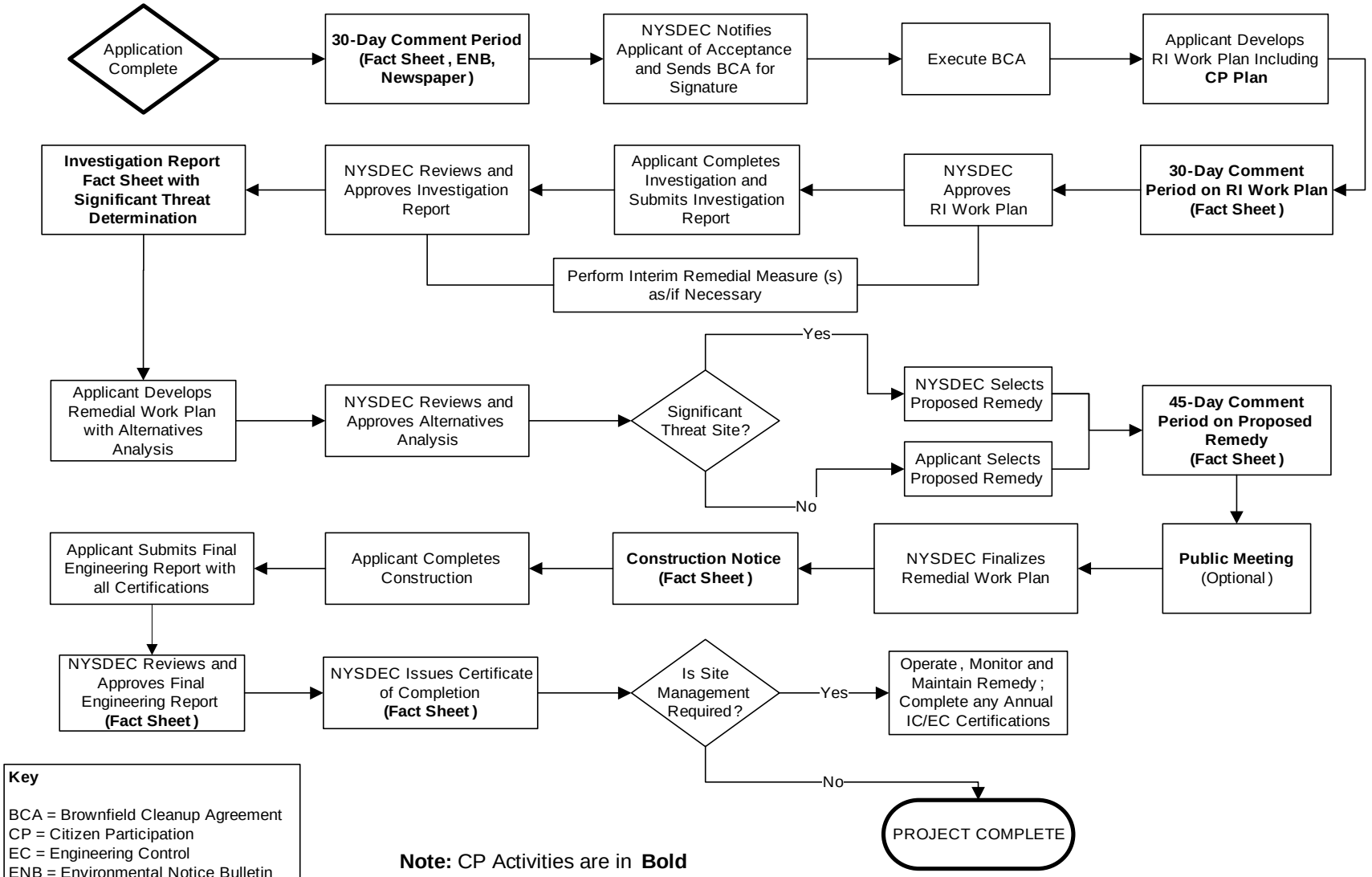
Local News/Media sources from which the community obtains information:
City of Binghamton

Binghamton News
Binghamton Local News: https://www.binghamtonnews.net/ Binghamton news & Weather: https://www.binghamtonhomepage.com/ 12 News First Alert: https://www.wbng.com/ Press Connects: https://www.pressconnects.com/

Appendix C - Site Location Map



Appendix D– Brownfield Cleanup Program Process



Key

BCA = Brownfield Cleanup Agreement
CP = Citizen Participation
EC = Engineering Control
ENB = Environmental Notice Bulletin
IC = Institutional Control
RI = Remedial Investigation

Note: CP Activities are in **Bold**

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern

Instructions

This Scoping Sheet assesses major issues of public concern; impacts of the site and its remedial program on the community; community interest in the site; information the public needs; and information needed from the public.

The information generated helps to plan and conduct required citizen participation (CP) activities, and to choose and conduct additional CP activities, if appropriate. The scoping sheet can be revisited and updated as appropriate during the site's remedial process to more effectively implement the site's CP program.

Note: Use the information as an aid to prepare and update the Major Issues of Public Concern section of the site CP Plan.

General Instructions

- When to prepare: During preparation of the CP Plan for the site. It can be revisited and updated anytime during the site remedial process.
- Fill in site name and other information as appropriate.
- The Scoping Sheet may be prepared by DEC or a remedial party, but must be reviewed and approved by the DER site project manager or his/her designee.

Instructions for Numbered Parts

Consider the bulleted issues and questions below and any others that may be unique or appropriate to the site and the community to help complete the five Parts of this Scoping Sheet. Identify the issue stakeholders in Parts 1 through 3 and adjust the site's contact list accordingly.

Part 1. List Major Issues of Public Concern and Information the Community Wants.

- Is our health being impacted? (e.g. Are there problems with our drinking water or air? Are you going to test our water, yards, sumps, basements? Have health studies been done?)
- There are odors in the neighborhood. Do they come from the site and are they hazardous?
- Are there restrictions on what we may do (e.g. Can our children play outside? Can we garden? Must we avoid certain areas? Can we recreate (fish, hunt, hike, etc. on/around the site?)
- How and when were the site's contamination problems created?
- What contaminants are of concern and why? How will you look for contamination and find out where it is going? What is the schedule for doing that?
- The site is affecting our property values!
- How can we get more information (e.g. who are the project contacts?)
- How will we be kept informed and involved during the site remedial process?
- Who has been contacted in the community about site remedial activities?
- What has been done to this point? What happens next and when?
- The site is going to be cleaned up for restricted use. What does that mean? We don't want redevelopment on a "dirty" site.

Part 2. List Important Information Needed <u>From</u> the Community, if Applicable.

- Can the community supplement knowledge about past/current uses of the site?
- Does the community have knowledge that the site may be significantly impacting nearby people, properties, natural resources, etc.?
- Are activities currently taking place at the site or at nearby properties that may need to be restricted?
- Who may be interested or affected by the site that has not yet been identified?
- Are there unique community characteristics that could affect how information is exchanged?
- Does the community and/or individuals have any concerns they want monitored?
- Does the community have information about other sources in the area for the contamination?

Part 3. List Major Issues and Information That Need to be Communicated <u>to</u> the Community.

- Specific site investigation or remediation activities currently underway, or that will begin in the near future.
- The process and general schedule to investigate, remediate and, if applicable, redevelop the site.
- Current understanding about the site contamination and effects, if any, on public health and the environment.
- Site impacts on the community and any restrictions on the public's use of the site and/or nearby properties.
- Planned CP activities, their schedule, and how they relate to the site's remedial process.
- Ways for the community to obtain/provide information (document repositories, contacts, etc.).

Part 4. Community Characteristics

a. - e. Obtain information from local officials, property owners and residents, site reports, site visits, "windshield surveys," other staff, etc.

f. Has the affected community experienced other **significant** present or past environmental problems unrelated to this site? Such experiences could significantly affect public concerns and perspectives about the site; how the community will relate to project staff; the image and credibility of project staff within the community; and the ways in which project staff communicate with the community.

g. In its remedial programs, DER seeks to integrate, and be consistent with, environmental justice principles set forth in *DEC Commissioner Policy 29 on Environmental Justice* and *DER 23 – Citizen Participation Handbook for Remedial Programs*. Is the site and/or affected community wholly or partly in an Environmental Justice (EJ) Area? Use the Search feature on DEC's public web site for "environmental justice". DEC's EJ pages define an EJ area, and link to county maps to help determine if the site and/or community are in an EJ area.

h. Consider factors such as:

- Is English the primary language of the affected community? If not, provisions should be considered regarding public outreach activities such as fact sheets, meetings, door-to-door visits and other activities to ensure their effectiveness.
- The age demographics of the community. For example, is there a significant number of senior citizens in the community? It may be difficult for some to attend public meetings and use document repositories. This may suggest adopting more direct interaction with the community with activities such as door-to-door visits, additional fact sheets, visits to community and church centers, nursing homes, etc.
- How do people travel about the community? Would most people drive to a public meeting or document repository? Is there adequate public transportation?

Part 5. Affected/Interested Public.

Individuals and organizations who need or want information and input can change during the site's remedial process. This need is influenced by real, potential, or perceived impacts of the site or the remedial process. Some people may want information and input throughout the remedial process. Others may participate only during specific remedial stages or may only be interested in particular issues.

It is important to revisit this question when reviewing this scoping sheet. Knowing who is interested in the site – and the issues that are important to them – will help to select and conduct appropriate outreach activities, and to identify their timing and the information to be exchanged.

Check all affected/interested parties that apply to the site. **Note: Adjust the site's contact list appropriately.** The following are some ways to identify affected/interested parties:

- Tax maps of adjacent property owners
- Attendees at public meetings
- Telephone discussions
- Letters and e-mails to DER, the remedial party, and other agencies
- Political jurisdictions and boundaries
- Media coverage
- Current/proposed uses of site and/or nearby properties (recreational, commercial, industrial)
- Discussions with community organizations: grass roots organizations, local environmental groups, environmental justice groups, churches, and neighborhood advisory groups

Division of Environmental Remediation

Remedial Programs
Scoping Sheet for Major Issues of Public Concern (see instructions)

Site Name: 1 North Depot

Site Number: C704064

Site Address and County: 1 North Depot Street, City of Binghamton, Broome County, New York

Remedial Party(ies): Residences at North Depot LLC

Note: For Parts 1. – 3. the individuals, groups, organizations, businesses and units of government identified should be added to the site contact list as appropriate.

Part 1. List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and information needs. **Use this information as an aid to prepare or update the Major Issues of Public Concern section of the site Citizen Participation Plan.**

Based on the nature of site contaminants, direct contact with contaminated soil and/or inhalation of airborne dust originating from contamination areas of the site, and any users of local groundwater pose the primary exposure risks to the local public. However, known soil contaminants are currently covered by hardscapes; therefore, the only likely direct exposure risk to the local public would be via dust generation during any ground-invasive work. When remediation commences, excavation activities may create dust, noise, and/or truck traffic at the site during typical business hours. The remedial program will eliminate or reduce the potential for exposure. No groundwater use is anticipated at the site nor have any potable groundwater wells been observed on adjoining properties nearby.

How were these issues and/or information needs identified?
Previous investigations identified contaminated soil, groundwater, and soil vapor at the site.

Part 2. List important information needed **from** the community, if applicable. Identify individuals, groups, organizations, businesses and/or units of government related to the information needed.
No information is needed from the community, at this time.

How were these information needs identified?
N/A

Part 3. List major issues and information that need to be communicated **to** the community. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information.

Information will be communicated to the public as outlined in the Citizen Participation Plan. NYSDEC and NYSDOH contacts will be provided. A repository will exist for the public to review documentation.

How were these issues and/or information needs identified?
Issue identification is the same as Part 1 response. Information communication was established by NYSDEC and NYSDOH as part of the NYS Brownfield Cleanup Program

Part 4. Identify the following characteristics of the affected/interested community. This knowledge will help to identify and understand issues and information important to the community, and ways to effectively develop and implement the site citizen participation plan (mark all that apply):

a. Land use/zoning at and around site:
☒ **Residential** ☐ **Agricultural** ☐ **Recreational** ☒ **Commercial** ☒ **Industrial**

b. Residential type around site:
☒ **Urban** ☐ **Suburban** ☐ **Rural**

c. Population density around site:
☐ **High** ☒ **Medium** ☐ **Low**

d. Water supply of nearby residences:
☒ **Public** ☐ **Private Wells** ☐ **Mixed**

e. Is part or all of the water supply of the affected/interested community currently impacted by the site?
☐ **Yes** ☒ **No**

Provide details if appropriate:
Click here to enter text.

f. Other environmental issues significantly impacted/impacting the affected community?
☐ **Yes** ☒ **No**

Provide details if appropriate:
Click here to enter text.

g. Is the site and/or the affected/interested community wholly or partly in an Environmental Justice Area?
☐ **Yes** ☒ **No**

h. Special considerations:
☐ **Language** ☐ **Age** ☐ **Transportation** ☐ **Other**

Explain any marked categories in **h:**
Click here to enter text.

Part 5. The site contact list must include, at a minimum, the individuals, groups, and organizations identified in Part 2. of the Citizen Participation Plan under 'Site Contact List'. Are *other* individuals, groups, organizations, and units of government affected by, or interested in, the site, or its remedial program? (Mark and identify all that apply, then adjust the site contact list as appropriate.)

☐ **Non-Adjacent Residents/Property Owners:** Click here to enter text.

☒ **Local Officials:**
City of Binghamton City Mayor
Jared Kraham
38 Hawley Street
Binghamton, New York 13901
Phone: 607-772-7001

City of Binghamton Planning Board Chairman
Nicholas Corcoran
38 Hawley Street
Binghamton, New York 13901
Phone: 607-772-7001

Broome County Executive
Jason T. Garnar
60 Hawley Street
Binghamton, New York 13901

Phone: 607-778-2131

Broome County Planning Board Chairman
Anthony F. Fiala, Jr.
60 Hawley Street
Binghamton, New York 13901
Phone: 607-778-2131

New York State Legislature NYS Assembly
123rd District: Donna A. Lupardo
44 Hawley Street
Binghamton, New York 13901
Phone: 607-723-9047

New York State Legislature NYS Senate
52nd District: Lea Webb
217 North Aurora Street
Ithaca, New York 14850
Phone: 607-773-8771

☒ **Media:**
Binghamton Local News: https://www.binghamtonnews.net/
Binghamton news & Weather: https://www.binghamtonhomepage.com/
12 News First Alert: https://www.wbng.com/
Press Connects: https://www.pressconnects.com/

☐ **Business/Commercial Interests:** Click here to enter text.

☐ **Labor Group(s)/Employees:** Click here to enter text.

☐ **Indian Nation:** Click here to enter text.

☐ **Citizens/Community Group(s):** Click here to enter text.

☐ **Environmental Justice Group(s):** Click here to enter text.

☐ **Environmental Group(s):** Click here to enter text.

☐ **Civic Group(s):** Click here to enter text.

☐ **Recreational Group(s):** Click here to enter text.

☐ **Other(s):**

Prepared/Updated By: Conor Tarbell, Regional Director, PVEDI **Date:** Click here to enter text.

Reviewed Approved By: Click here to enter text. **Date:** Click here to enter text.

APPENDIX D
CAMP

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

APPENDIX E
KEYSTONE ASSOCIATES PHASE I ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

1 NORTH DEPOT STREET
CITY OF BINGHAMTON
COUNTY OF BROOME
STATE OF NEW YORK

PREPARED FOR:
MR. JOSH BISHOP
JJB PROPERTY MANAGEMENT
142 Front Street
Binghamton, New York

KEYSTONE ASSOCIATES
58 Exchange Street
Binghamton, New York 13901
Telephone: (607) 722-1100
Fax: (607) 722-2515
E-mail: info@keyscomp.com

Also Doing Business As (DBA):

HAWK ENGINEERING



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1.0 EXECUTIVE SUMMARY

Keystone Associates Architects, Engineers and Surveyors, LLC (Keystone Associates) has performed this Phase I Environmental Site Assessment (ESA) in substantial conformance with 40 CFR Part 312 – *Standards and Practices for all Appropriate Inquires* and Standard Practice E-1527-13 of the ASTM, updated November 2013. The purpose of this practice is to define good commercial and customary practice for conducting an Environmental Site Assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability* (commonly referred to as "landowner liability protections"). The scope of this Phase I ESA for the Property was limited to include assessments, evaluations, conclusions and recommendations related to the Property's recognized environmental conditions based on a visual site inspection, personnel interview(s) and available records review. ASTM standards, when followed, constitute "all appropriate inquiry into the previous ownership and uses of the Property consistent with good commercial or customary practice," as defined by Federal regulations (42 USC 9601 (35)(B) CERCLA).

The goal of this Phase I ESA was to assess the extent to which *recognized environmental conditions* (RECs) exist that could result in significant risk and liability to the owner or occupants of the 1 North Depot Street property, City of Binghamton, New York (the Property), which is identified as Broome County Tax Parcel ID No. 160.25-2-20.2.

The assessment includes identifying environmental hazards, and evaluating risk. The term *recognized environmental conditions* (REC's) is defined by ASTM as the presence or likely presence of any hazardous substance or petroleum products in, on, or at a Property; (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term "Property" is the subject of the environmental site assessment described in this practice. The Property includes buildings and other fixtures and improvements located on the Property and affixed to the land. The term *recognized environmental conditions* is not intended to include *de minimis* conditions that generally would not be subject to an enforcement action if brought to the attention of the appropriate regulatory agency.

As detailed in Section 9.0 of this report, recognized environmental conditions (RECs) have not been identified at this time. However, other potential environmental concerns were identified and evaluated with respect to "business environmental risk".

2.0 INTRODUCTION

Keystone Associates has conducted a Phase I ESA of the property located at 1 North Depot Street in the City of Binghamton, Broome County, New York (the Property). In Appendix A, See Figure 1 - Site Location Map, Figure 2 - USGS Map, and Figure 3 - Site Schematic. The goal of a Phase I ESA is to assess the extent to which recognized environmental conditions, including hazardous substances, petroleum products, wastes, or other environmental hazards exist that could result in significant risk and liability to the owner or occupants of the Property.

2.1 Definition of Work Scope

The scope of this Phase I ESA for the Property was limited to include assessments, evaluations, conclusions and recommendations related to the Property's recognized environmental conditions based on a visual site inspection and available records review in substantial conformance with 40 CFR Part 312 – *Standards and Practices for all Appropriate Inquires* and Standard Practice E-1527-13 of the ASTM, updated November 2013. ASTM standards, when followed, constitute "all appropriate inquiry into the previous ownership and uses of the Property consistent with good commercial or customary practice," as defined by Federal regulations (42 USC 9601 (35)(B) CERCLA).

The assessment was based on the following work program:

- Site Inspection: A walk-through site inspection was conducted to evaluate the current environmental condition of the Property with respect to items such as underground storage tanks (USTs), hazardous or regulated materials, or other visual indications of environmental conditions that could affect the Property. Available site characterization maps and other sources of site characteristics were also reviewed, including National Wetlands Inventory Maps, FEMA Flood Insurance Rate maps, soil/geology resources, and recent aerial photographs.

- Owner/Occupant Interview: A site visit and interview was conducted with Mr. Josh Bishop, recent property owner. Since the building has been vacant for many years, Mr. Bishop was identified as the "most knowledgeable person" available and was interviewed to obtain information pertaining to known or recognized environmental conditions associated with the Property. Based on the site history provided by Mr. Bishop as well as a review of historical documentation, further owner/occupant interviews were not deemed warranted.

- Review of Site History: This review was conducted to identify past land uses or features that might be indicative of environmental concern. Sources of information reviewed included historical aerial photographs, historic Sanborn Fire Insurance Maps, as well as information provided by key personnel as part of the interviews described above.

- Review of Adjoining Land Uses: Adjoining land uses were preliminarily reviewed to assess the potential for environmental impacts on the Property. This review was based on visual observations of adjacent properties during the site inspection, an aerial photograph review, Sanborn Fire Insurance Map review, and a review of a computerized regulatory database report described below.

- Computerized Regulatory Database Search and Agency File Reviews: A computerized environmental regulatory program database report for facilities located within the ASTM specified radius of the Property was obtained from Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. The databases provide information on sites located within an ASTM-standard specified distance pertaining to the Federal Comprehensive Environmental Response, Compensation and Liability Act/National Priority List (CERCLA/NPL) and Resource Conservation and Recovery Act (RCRA) programs, Emergency Response Notification System (ERNS), and State Underground Storage Tank/Aboveground Storage Tank (UST/ AST), hazardous waste and solid waste facility program records. In addition, the Broome County Municipal offices and online databases were contacted for relevant information pertaining to the Property and nearby properties.

2.2 Limitations

No limitations were encountered during performance of this Phase I ESA.

2.3 Exceptions and Deletions

No exceptions or deletions to ASTM E-1527-13 were performed in connection with the preparation of this Phase I ESA.

3.0 PROPERTY DESCRIPTION

The Property is located along Prospect Avenue between North Depot and Eldredge Street in the downtown business district of the City of Binghamton. The Property consists of Broome County Tax Parcel Identification No. 160.25-2-20.2, totals 0.63-acres, and is currently owned by the Client, Mr. Josh Bishop of One North Depot, LLC. The Property is improved with an approximate 51,000 square foot masonry structure. The structure is a partial five (5) story building composed of brick masonry with concrete foundation. The remainder of the Property consists of asphalt paved surfaces. In Appendix A, Figure 3 – Site Schematic shows the building configuration.

According to the Sanborn Fire Insurance Map described below in Section 5.6, the Property has historically been utilized for wholesale grocery and meats, wholesale hardware distribution as well as cold storage warehouse space. The building was also utilized by Norfolk Southern Railway office space. The entire building currently remains vacant with all furnishings removed.

3.1 Geology and Hydrogeology

According to the 1968 USGS 7.5-Minute Quadrangle map for the Binghamton West, New York vicinity, the Property lies at approximately 865-feet above mean sea level and is generally flat. Surface water drainage on the Property is in multiple directions, being controlled by the site building, parking lot, and associated stormwater drainage systems located along Depot Street, Prospect Avenue and Eldredge Street. Based on local topography, the suspect groundwater flow direction is from northeast to southwest towards the Chenango River, which is located approximately 940' west of the Property at a mean elevation of 826-feet above mean sea level. In Appendix A, see Figure 2 – USGS Map. It should be noted that a physical investigation would be required to verify the specific groundwater flow direction at the Property.

According to the Broome County, New York Soil Survey dated 1971 as well as the USDA Natural Resource Conservation Service – Web Soil Survey, the Property's overburden is composed of Cut and Fill lands, gravelly materials (Cv). This land type consists of fill that came mostly from areas of Chenango and Howard soils or from leveled areas of these soils. Fill from these materials generally is excellent for highways and for building sites. Areas of this fill near Binghamton commonly consist of 5 to 10 feet of Chenango soil material over alluvial Tioga soil material. Additional soil data is provided in Appendix E.

3.2 Wetlands/Flood Hazard Areas Review

Keystone Associates reviewed the Broome County GIS website and the United States Fish & Wildlife Service National Wetlands Inventory (NWI) online database covering the Property. According to these sources, mapped wetlands are not present on-site or in the immediate vicinity of the Property. Figure 4 – Broome County GIS Map with Flood Zone and NWI wetlands is included in Appendix A.

The Broome County GIS website and Federal Emergency Management Agency (FEMA) online map service center was also reviewed for Flood Insurance Rate Maps covering the area of the Property. Based on this source, the Property is not located within a mapped flood zone. Figure 4 – Broome County GIS Map with Flood Zone and NWI wetlands is included in Appendix A. Flood data is based on FEMA Flood Insurance Rate Map, Binghamton, New York, Community Panel Number 36007C0356F dated February 5, 2010.

3.3 Radon Gas Potential

No radon sampling or testing was completed as part of this Phase I ESA. To evaluate the potential for the presence of radon gas on the Property, the United States Environmental Protection Agency website was reviewed (Appendix E). According to their map of radon zones for New York, Broome County and its surrounding counties are identified as Zone 1. These counties have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter). The current United Stated Environmental Protection Agency (USEPA) guidelines indicate that action should be considered when radon levels reach an annual average of 4 pCi/L (action guideline) or more for any habitable area location. Although the potential presence of radon gas is not considered a specific Recognized Environmental Condition, based on this information, consideration should be given to testing and/or mitigation of radon at the Property.

4.0 SITE RECONNAISSANCE

Date of Inspection:	October 1, 2015
Arrival Time:	8:00 am
Keystone Personnel:	Mr. Timothy M. O'Connor, Sr. Environmental Scientist
Site Representatives:	Mr. Josh Bishop, Owner

The Property was traversed by Keystone Associates where possible. Mr. Bishop accompanied Keystone Associates during the site reconnaissance. Complete access to interior portions of the buildings was provided. Each of the adjacent/abutting properties was inspected along their perimeters to evaluate the potential for containing any areas of potential environmental concern that may impact the Property. During the site visit, the weather was cloudy with temperatures in the 50's. A site inspection checklist is included as Appendix B. Photographs of the Property are presented as Appendix C.

The following is a list of specific areas of potential environmental concern that were investigated by Keystone Associates personnel during the site inspection.

4.1 Property Features and Current Use

As previously stated in Section 3.0, the Property is currently improved with a partial five (5) story building composed of brick masonry with concrete foundation. The remainder of the Property consists of asphalt paved surfaces. The building was constructed prior to 1887. The entire building currently remains vacant with all furnishings removed.

4.2 Utilities, Floor Drains, Vent Pipes, Wells, Cisterns and Septic Systems

Public water and sewer services utilized at the Property are currently provided by the City of Binghamton Water Department. Natural gas and electric services utilized at the Property are provided by New York State Electric and Gas (NYSEG). No physical evidence of water wells, septic systems, or on-site wastewater treatment was observed during the site visit. Several floor drains are located within the building's first floor and appear to be connected to the municipal sewer system. A new natural gas fired furnace unit is located in the building's basement and is used to heat the westernmost portion of the building (former Norfolk Southern office space). A suspect coal shoot was observed along the basement's southernmost interior wall. Sources of prior heating systems were not identified.

4.3 Aboveground/Underground Storage Tanks (AST/USTs)

The presence of aboveground/underground storage tanks was not identified at the Property.

4.4 Pipelines

The presence of pipelines was not identified at the Property.

4.5 Transformers and PCB Equipment

The presence of facility owned electrical transformer and/or PCB containing equipment was not identified at the Property. Several pole mounted, New York State Electric and Gas (NYSEG) owned electrical transformers were observed on or immediately adjacent to the Property along Prospect Avenue. Evidence of fluid release was not identified in the vicinity of the Property during the site reconnaissance. In the event that releases occur, NYSEG would typically be responsible for associated cleanup activities and costs.

4.6 On-site Hazardous Substances and Petroleum Products

The presence of on-site hazardous substances, unidentified containers and/or petroleum products was not identified at the Property.

4.7 Evidence of Landfill, Dumping, Disturbed Soil or Direct Burial Activity

Evidence of landfill, illegal dumping, disturbed soil or direct burial activity was not identified at the Property.

4.8 Evidence of Solid Waste and/or Waste Water Discharges

Evidence of solid waste or waste water discharges was not identified at the Property.

4.9 Evidence of any Industrial or Production/Storage Activities

Evidence of industrial production or storage activities was not identified at the Property.

4.10 Evidence of any Monitoring Wells or Remedial Activities

Evidence of monitoring wells was not identified at the Property.

4.11 Evidence of any Chemical Spills and/or Releases

A visual inspection for evidence of spills of gasoline, oils, chemicals or other contaminants was completed (i.e., staining, stressed vegetation, and similar observations). Evidence of chemical spills or releases was not observed at the Property.

4.12 Asbestos Inspection

An asbestos survey, inspection or investigation is beyond the scope of this Phase I ESA and was not conducted.

According to Subpart 56-5.1 of the applicable New York State Department of Labor Industrial Code Rule 56; if a building or structure, or portion(s) thereof are to be demolished, renovated, remodeled, or have repair work done then an asbestos survey must completed by a licensed asbestos contractor using inspectors certified in compliance with Code Rule Section 56-3.2(d), to determine whether or not the impacted areas contain asbestos containing material (ACM), presumed ACM (PACM), or asbestos material. State and federal regulations also require that

proper handling and disposal of Asbestos Containing Materials (ACMs) be conducted by certified contractors. This excludes "owners" of one and two-family dwellings who do not contract for and solely conduct the demolition, renovation, remodeling or repair work themselves.

4.13 Lead Based Paint Inspection

Lead based paint inspection or investigation is beyond the scope of this Phase I ESA and was not conducted. However, based on the date of construction being prior to 1978, the potential for lead based paint materials exists throughout the building(s). If surfaces/components are intended to be scoured in the course of repair, renovation, alteration and/or demolition activities, then exposure to workers must be addressed in accordance with OSHA Lead-In-Construction Standards 29CFR Part 1926 Subpart D #1926.62A, or Part 1925 for State/Federal projects. This is a potential health risk should the Client decide to renovate, occupy or demolish the site building(s).

4.14 Soil Vapor Migration Evaluation

An evaluation of risk associated with potential soil vapor migration was performed as part of this investigation (as required in the newly revised ASTM standard). Based upon information obtained during the site reconnaissance and regulatory database review, the presence of contamination presenting a concern for soil vapor migration was not identified on-site or immediately upgradient of the Property. Therefore, indoor air quality sampling to determine the presence/absence of soil vapor intrusion at the Property does not appear warranted at this time.

5.0 SITE HISTORY

To evaluate the Property's history, facility personnel were interviewed and historical aerial photographs and Sanborn Fire Insurance Maps were examined (where available). A limited chain of title review was also conducted for the Property. The findings of these reviews and interviews are summarized in the following sections.

5.1 Aerial Photograph Review

Keystone Associates reviewed aerial photographs covering the Property from 1994 to 2014, made available from the Broome County GIS website as well as purchased from Environmental Data Resources, Inc. The results of the review are summarized in the table below. Aerial photographs are included in Appendix D of this report.

TABLE 5-1: AERIAL PHOTOGRAPH REVIEW

Date	Description
1994	The property remains as currently developed with a commercial warehouse building and associated parking lot. The Property is surrounded by mixed use properties. Evidence of environmental concern was not identified on-site.
1999	Significant changes in Property characteristics from the 1994 aerial photograph were not observed.
2002	Significant changes in Property characteristics from the 1999 aerial photograph were not observed.
2006	Significant changes in Property characteristics from the 2002 aerial photograph were not observed.
2012	Significant changes in Property characteristics from the 2006 aerial photograph were not observed.
2014	Significant changes in Property characteristics from the 2012 aerial photograph were not observed. The Property and surrounding properties appear as currently developed. Specific visual evidence of environmental concern was not identified.

Issues of potential environmental concern were not identified through the review of the available historic aerial photographs.

5.2 Interviews

A site walk and interview was conducted on October 1, 2015, with Mr. Josh Bishop, who recently purchased the Property from the County of Broome. Mr. Bishop stated that the building was constructed in the late 1800's and has historically been used for wholesale distribution of groceries, meats and hardware as well as cold storage warehouse space. Additional uses include Norfolk Southern Railway offices. Mr. Bishop stated that those offices were heated via a natural gas fired furnace unit located in the basement. He was unaware of any former heat sources on-site however indicated the presence of a potential coal shoot extending from the southern exterior wall into the building's basement. Mr. Bishop was unaware of any former tenants or site conditions that would pose a significant business environmental risk to the Property.

5.3 Chain of Title Review

To obtain documentation of the ownership history of the Property, Keystone Associates conducted a Chain of Title review at the Broome County, Recorder of Deeds Office. A copy of the most recent deed and tabular summary of deed ownership history is included as Appendix D of this report. Keystone Associates does not guarantee this abstract as a complete chain of title to the Property.

Based on information obtained during the Chain of Title review, indications of current or former high risk owners/occupants were not identified.

5.4 Historical Topographic Maps

The Property is located within the business district of the City of Binghamton where specific site details are not provided, therefore historical topographic maps were not reviewed as part of this Phase I ESA.

5.5 Previous Environmental Reports

Keystone Associates inquired about any previous investigations conducted at the Property. According to the interviewed personnel identified in Section 5.2, previous environmental reports are not known to exist for the Property.

5.6 Sanborn Maps Review

As part of the Phase I ESA, Sanborn Fire Insurance Maps were requested from Environmental Data Resources, Inc. According to EDR's Certified Sanborn Map Report dated September 30, 2015, a complete holding of the Sanborn Library, LLC collection was searched. Sanborn Fire Insurance Maps for the years of 1887, 1898, 1918, 1950, 1952, and 1970 were reviewed. Sanborn Fire Insurance Maps were provided by Environmental Data Resources, Inc. and are included in Appendix D of this report.

- 1887 – The existing site building was present at this time. Occupants included wholesale groceries, a cigar factory and machine shop activities. The existing railway remained present immediately south of the Property.

- 1898 – The building was utilized for wholesale groceries, cigar factory, warehouse and wholesale meats.

- 1918 – The building was utilized for wholesale groceries, wholesale hardware and wholesale meats.

- 1950 – The building remained utilized for wholesale groceries, wholesale hardware and wholesale meats.

- 1952 - Changes in Property characteristics from the 1950 Sanborn map were not observed however it should be noted that image quality was poor.

- 1970 – The building remained utilized for wholesale groceries, wholesale hardware and wholesale meats as well as warehouse space.

5.7 City Directory Review

A City Directory abstract was provided by Environmental Data Resources (EDR) and dated October 2, 2015. City Directories are a review of a particular address and neighboring addresses in business directories including city, cross reference, and telephone directories. For the purpose of this City Directory, the site address 1 North Depot Street, Binghamton, New York 13901 was researched. According to the EDR City Directory Search, in 1930-1964 the Property was identified as Kingsley Company (wholesale hardware), Mc Tighe Grocery Company and Darling Meats and Provisions Company. In addition, in 1974 the Lander's Company also used portions of the Property for warehouse space. Other years/occupants were not listed by the research source.

Keystone Associates does not warrant the accuracy or completeness of the computerized regulatory database report. The report contents are subject to the disclaimer provided within the EDR city directory search report provided in Appendix D.

6.0 ADJOINING LAND USE

Adjoining land uses were reviewed to preliminarily assess the potential for environmental impacts to the Property. The assessment of adjacent properties was based on visual observations and land use as depicted by the aerial photographs. Adjacent land use is summarized on the table below.

TABLE 6-1: ADJOINING LAND USE SUMMARY

Direction	Description
North	Eldredge Street defines the northern property boundary followed by mixed use commercial and residential properties.
South	North Depot Street defines the southern property boundary followed by the Norfolk Southern railway.
East	Commercial building are located immediately east of the Property.
West	Prospect Avenue defines the western property boundary followed by commercial/industrial properties.

Based on the observed conditions outlined in Table 6-1, surrounding properties are not anticipated to present a significant environmental concern to the Property.

7.0 REVIEW OF REGULATORY AGENCY RECORDS

7.1 Local Officials Records Review

Mr. Fred Greisel, City of Binghamton Code Enforcement officer since 1982 was contacted in regards to any potential environmental concerns at the Property and surrounding properties. Mr. Greisel he stated that there were no electronic files recorded for the 1 North Depot Street site and was unaware of any known environmental associated with the Property.

7.2 NYSDEC/USEPA File Review

Based on the lack of potential environmental concerns identified at the Property, an official NYSDEC and/or USEPA FOIA request file review was not conducted as part of this work scope. However, Keystone Associates conducted a NYSDEC Spill Incidents Database Search online and no records were found at the 1 North Depot Street address from 1979 to present. Although several spill events have been recorded in the vicinity of Prospect Avenue and Eldredge Street, each of the identified spill cased have been reported "closed" by the NYSDEC and therefore are not considered to pose significant business environmental risks to the owners or occupants of the Property. Note that this search does not represent a formal FOIA request and that the lack of identified spill cases does not represent certainty that such cases have not been identified by the NYSDEC.

8.0 REGULATORY DATABASE REVIEW

In addition to the historical review, environmental regulatory agency records were searched through the use of state and federal databases accessed and summarized by Environmental Data Resources, Inc (EDR). The EDR report is a screening tool that identifies sites located within a set of ASTM-recommended search radii, to identify the occurrence of spills and/or facilities involving solid waste, hazardous waste, and petroleum products on the Property or nearby properties.

Federal and State regulatory program searches within the ASTM standard search radius for select databases are listed in Table 8-1, followed by a brief summary discussion of the identified sites. A detailed description of each database and facility listing is provided within the full EDR report, which is attached as Appendix E. Keystone Associates does not warrant the accuracy or completeness of the computerized regulatory database report. The report contents are subject to the disclaimer provided within the EDR report.

TABLE 8-1: REGULATORY DATABASE REPORT SUMMARY

Federal Data Services Searched	Min. Search Distance (miles)	Identified Sites	Sites of Concern	Target Property Identified
NPL (National Priorities List)	1.0	0	0	No
Delisted NPL	0.5	0	0	No
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System)	0.5	0	0	No
NFRAP (No Further Remedial Action Planned Sites)	0.5	1	0	No
RCRIS CORRACTS (Resource Conservation and Recovery Information System – Corrective Action sites)	1.0	0	0	No
RCRIS TSD (Treatment, Storage & Disposal sites)	0.5	0	0	No
RCRIS Generators (RCRIS – Generator List)	Property & Adjoining	6	0	No
Institutional/Engineering Control Registries	Property & Adjoining	0	0	No
ERNS Incidents (Emergency Response Notification System)	Property & Adjoining	0	0	No
State Data Services Searched		Identified Sites	Sites of Concern	
SHWS (New York Priority List of Hazardous Waste Sites)	Property	3	0	No
SWF/LF (New York Solid Waste Disposal and Landfill List)	0.5	1	0	No
LTANK (New York List of Storage Tank Confirmed Releases)	0.5	27	0	No
UST (New York Registered Underground Storage Tank List)	Property & Adjoining	11	0	No
State Institutional/Engineering Control Registries	Property & Adjoining	1	0	No
Voluntary Cleanup Sites	0.5	0	0	No
Brownfield Cleanup Sites	0.5	1	0	No
NY Spill Sites	-	20	0	No

8.1 Federal CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the USEPA for the release, or threatened release of hazardous substances. CERCLIS No Further Remedial Action Planned (NFRAP) sites are former hazardous waste sites that have been delisted by the USEPA. While the USEPA de-lists sites after the most significant environmental threats have been removed from a facility, delisting does not necessarily indicate that all soil and groundwater contamination has been addressed.

Number Reported: (1) The CERCLIS NFRAP listed U.S. Postal Service property located at 111 Henry Street is located downgradient of the Property. Based on this information as well as the use of public water supplies on-site, this listing is not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.2 Federal RCRIS Sites

The USEPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The Resource Conservation and Recovery Information System (RCRIS) is a compilation of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. Generators are presented as either Small Quantity Generators (SQGs) which generate less than 1,000 kg/month of non-acutely hazardous waste or Large Quantity Generators (LQGs) which generate greater than 1,000 kg/month of non-acutely hazardous waste, or 1kg/month of acutely hazardous waste. Treatment, storage, and disposal facilities are identified as RCRIS TSD properties. RCRIS TSDCs or CORRACTs sites are treatment, storage and/or disposal facilities that are subject to corrective action under RCRA.

Number Reported: (6) Each of the listed RCRIS sites are located downgradient of the Property. Based on this information as well as the use of public water supplies on-site, these listings are not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.3 State Hazardous Waste Disposal Sites

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial program is the cleanup program for inactive hazardous waste and hazardous substance sites (State equivalent to CERCLIS).

Number Reported: (3) Each of the listed State Hazardous Waste Disposal sites are located downgradient of the Property. Based on this information as well as the use of public water supplies on-site, these listings are not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.4 State Solid Waste Disposal/Landfill Sites

The SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may also include active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Number Reported: (1) The Solid Waste Disposal site is located downgradient of the Property. Based on this information as well as the use of public water supplies on-site, this listing is not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.5 State LTANK Sites

These records contain an inventory of reported leaking storage tank incidents reported from April 1986 through the most recent update. They can be either leaking underground or aboveground storage tanks. The causes of the incidents are tank test failures, tank failures, or tank overfills.

Number Reported: (27) Each of the 27 Leaking Tank spill listings have been determined "closed" by the NYSDEC. Based on this information as well as the use of public water supplies on-site, these listings are not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.6 State UST Sites

The Bulk Petroleum Database contains information on petroleum bulk storage tanks (petroleum capacities in excess of 1,100 gallons and less than 400,000 gallons), hazardous substance/chemical bulk storage (CBS) tanks, and major petroleum storage facilities within the Property's zip code.

Number Reported: (11) None of the UST listings were identified immediately upgradient of the Property. Based on this information as well as the use of public water supplies on-site, these listings are not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.7 State Institutional/Engineering Control Registries

The New York State registry of Institutional/Engineering controls identifies environmental remediation sites which have engineering and/or institutional controls in place.

Number Reported: (1) The listed Binghamton Plaza site is not located upgradient of the Property. Based on this information as well as the use of public water supplies on-site, this listing is not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.8 State Brownfield Cleanup Sites

In an effort to spur the cleanup and redevelopment of brownfields, the state's Environmental Restoration Program provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remedial activities. Once remediated, these sites may then be reused for commercial, industrial, residential, or public use.

Number Reported: (1) This Binghamton Plaza property was previously discussed in Section 8.7 and is not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.9 State Spill Sites

The New York Spills Information Database collects data on spills reported to the NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regulations), or 6 NYCRR Section 595.2 (from CBS regulations). It includes spills active as of April 1986, through the most recent update.

Number Reported: (20) Each of the NY Spill listings has been determined "closed" by the NYSDC. Based on this information as well as the use of public water supplies on-site, these listing are not anticipated to present a significant "business environmental risk" to the owners or occupants of the Property.

8.10 Unplottable Sites

In addition to the plottable listings provided by the database report, eleven (11) additional unplottable listings were identified. Each of these sites was reviewed by name and address and was not identified at, or immediately adjacent to the Property. Based on the Property's use of public water and public sewer utilities, the listed orphan properties are not anticipated to present a significant "business environmental risk" to the owner's or occupants of the Property.

9.0 SUMMARY AND CONCLUSIONS

Keystone Associates has conducted a Phase I Environmental Site Assessment (Phase I ESA) for the site at 1 North Depot Street, City of Binghamton, Broome County, New York (the Property). The Property consists of Broome County Tax Parcel Identification No. 160.25-2-20.2, totals 0.63-acres, and is currently owned by the Client, Mr. Josh Bishop of One North Depot, LLC. The Property is improved with a partial five-story masonry building constructed in the late 1800's. This assessment was conducted in substantial conformance with 40 CFR Part 312 – *Standards and Practices for all Appropriate Inquires* and Standard Practice E-1527-13 of the ASTM, updated November 2013.

Based on the scope of this Phase I ESA outlined in Section 2.1 of this report, recognized environmental conditions (RECs) have not been identified at this time. However, the following environmental concerns were identified and evaluated with respect to "business environmental risk".

1.0 No radon sampling or testing was completed as part of this Phase I ESA. To evaluate the potential for the presence of radon gas on the Property, the United States Environmental Protection Agency website was reviewed (Appendix E). According to their map of radon zones for New York, Broome County and its surrounding counties are identified as Zone 1. These counties have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter). The current United Stated Environmental Protection Agency (USEPA) guidelines indicate that action should be considered when radon levels reach an annual average of 4 pCi/L (action guideline) or more for any habitable area location. Although the potential presence of radon gas is not considered a specific Recognized Environmental Condition, based on this information, consideration should be given to testing and/or mitigation of radon at the Property.

2.0 Asbestos inspection or investigation is beyond the scope of this Phase I ESA and was not conducted. It should be noted that if significant renovations or demolition are anticipated, state and federal regulations require an asbestos survey and proper handling and disposal of Asbestos Containing Materials (ACMs).

3.0 Lead based paint inspection or investigation is beyond the scope of this Phase I ESA and was not conducted. If demolition, renovations and/or remodeling of this Property are to take place, exposure to workers must be addressed in accordance with OSHA Lead-In-Construction Standards 29CFR Part 1926 Subpart D #1926.62A, or Part 1925 for State/Federal projects.

With the exceptions of the issues as described above, other environmental concerns have not been identified at this time. Please note that the conclusions reached in this report do not represent scientific certainties, but rather are probabilities based on our professional judgment. The conclusions made in this report are based solely on the scope of services described herein and the information obtained during the course of work.

10.0 CERTIFICATION

The reported analyses, opinions and conclusions are personal, unbiased, professional and limited only by the assumptions and qualifications stated herein. Compensation is not contingent upon an action or an event resulting from the analyses, opinions or conclusions in, or the use of this report.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Timothy M. O'Connor, C.E.P.
Senior Environmental Scientist



Richard J. Tarnowski, C.E.P., C.E.I.
Director of Environmental Services

11.0 QUALIFICATIONS

Keystone Associates is a full service architectural, engineering and surveying firm offering services from initial planning, environmental and feasibility studies through detailed design, procurement and construction phase services. The firm was originally established in 1993 as Keystone Trozzle, LLC and was renamed in July of 2000 as Keystone Associates Architects, Engineers and Surveyors, LLC.

Timothy M. O'Connor, Senior Environmental Scientist performed this Phase I ESA. Professional review was provided by Richard J. Tarnowski, Director of Environmental Services. The scope of this investigation was limited to visual observation of surface conditions at the Property, interviews with the Property realtor and owner, listed public agency personnel, and a review of readily available reports and literature.

The investigation addresses the likelihood of hazardous substance or petroleum product contamination resulting from past and current known uses of the Property. As a result, certain conditions may not be revealed. These conditions include, but are not limited to, the following:

1. Naturally occurring toxins in the subsurface soils, rocks, water, or on-site flora;
2. Toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
3. Presence of lead or copper in drinking water or in paint, which could exceed regulatory standards;
4. Contaminant plumes or contaminated soils below the ground surface;
5. Contaminants or contaminant concentrations that do not violate present regulatory standards but may violate future such standards;
6. Asbestos containing materials;
7. Radon gas;
8. Wetlands;
9. Sinkholes or subsurface conditions affecting structural stability;
10. Operations conducted on days other than those during our observation;
11. Unknown site contamination, such as "midnight" dumping and/or accidental spillage which may occur before or following the site visit.

Additional investigation, including sampling and laboratory analysis, may be appropriate to confirm the presence or absence of the above items.

The computer database contained in this report has been provided by Environmental Data Resources and was obtained from publicly available sources and other secondary sources of information produced by others. Keystone Associates disclaims any and all liability for any errors, omission, or inaccuracies in such information and data, whether attributable to inadvertence or otherwise, and for any consequences arising therefrom. The report is valid only for the geographical parameters specified on the cover page of that report, and any alteration or deviation from that description will require a new report.

Information provided to Keystone Associates by interviewees forms the basis for certain opinions and findings for this report. Keystone Associates cannot warrant the accuracy or completeness of information provided by these sources, but has used professional judgment, available site information, and visual observations in incorporating information provided by the interviewee into this report.

Services for this project are performed in accordance with the Agreement between the Client and Keystone Associates. No warranty or guarantee of site conditions is intended. This report is solely for the use of the Client and any reliance on this report by third parties shall be at such party's sole risk.

This report is intended to be used in its entirety, including all attachments and/or addenda to the report. Reliance on portions of the report, without considering it in its entirety, could potentially lead to misinterpretation by the reader.

12.0 REFERENCES

Broome County:

Broome County online GIS Mapping Records, www.broomegis.co.broome.ny.us. October 1, 2015.

Interviews:

Mr. Josh Bishop; Owner, October 1, 2015.

Mr. Fred Greisel, City of Binghamton Code Enforcement, October 2, 2015.

Database Search:

Environmental Data Resources Inc., EDR Radius Map Report, 1 Depot Street Property, Binghamton, Broome County, New York, compiled September 30, 2015.

Environmental Data Resources Inc., EDR Certified Sanborn Map Report, 1 Depot Street Property, Binghamton, Broome County, New York, compiled September 30, 2015.

Environmental Data Resources Inc., EDR City Directory Abstract, 1 Depot Street Property, Binghamton, Broome County, New York, compiled October 2, 2015.

Resources:

United States Geological Survey; Binghamton West, *New York* 7.5 minute series Topographic Quadrangle, dated 1976.

Soil data was obtained from the United States Department of Agriculture Natural Resource Conservation Service online Web Soil Survey, www.websoilsurvey.nrcs.usda.gov as well as the Broome County New York Soil Survey, dated March 1971.

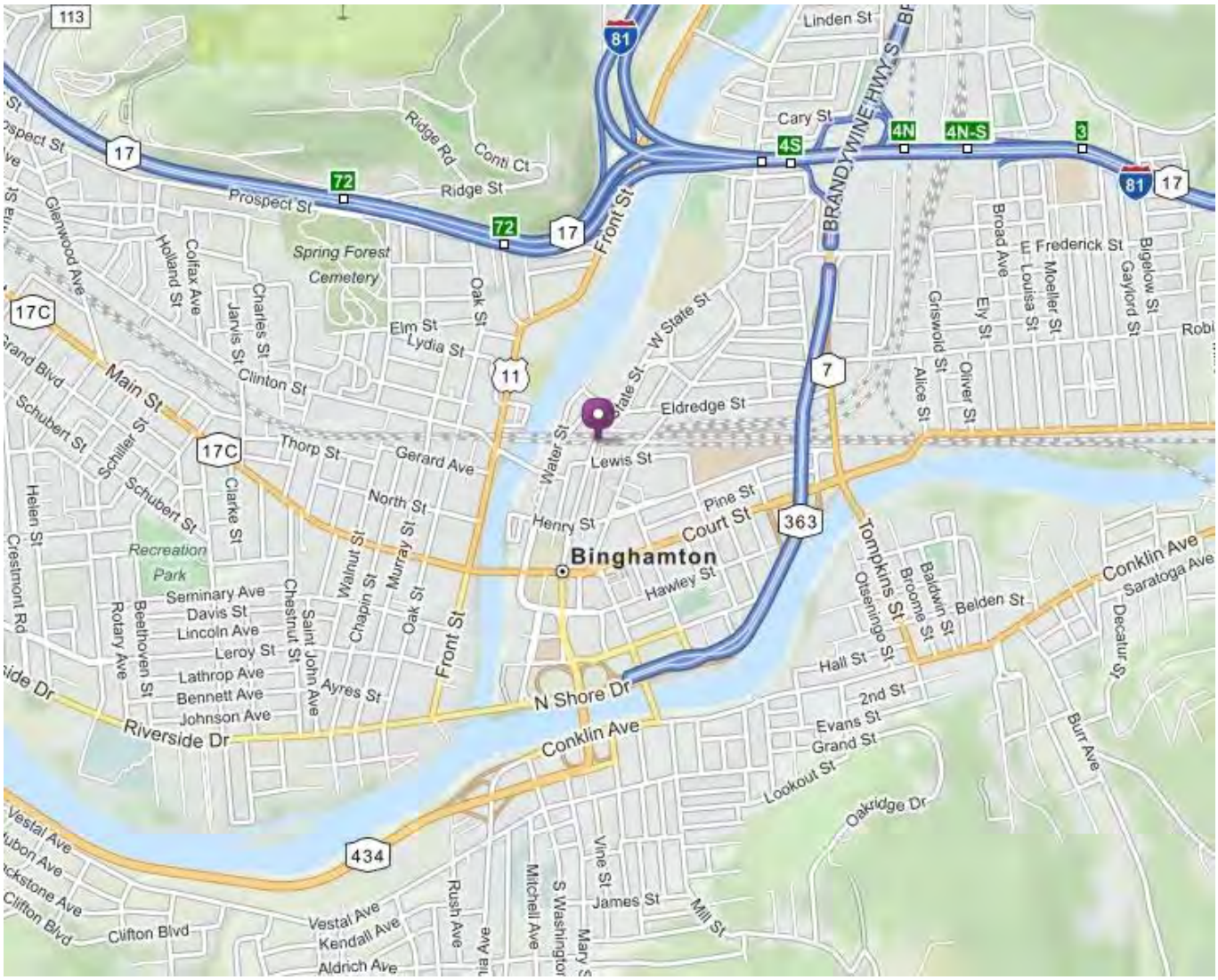
Broome County Tax Assessors Office materials were obtained from the Broome County online GIS Mapping Records, www.broomegis.co.broome.ny.us.

Historical Aerial Photograph Coverage provided by the Broome County online GIS Mapping Records, www.broomegis.co.broome.ny.us.

National Wetlands and Flood Plain information were also provided by the Broome County online GIS Mapping Records, www.broomegis.co.broome.ny.us as well as FEMA Map Service Center www.msc.fema.gov and the USF&W National Wetlands Inventory Mapping Service www.fws.gov/wetlands.

Broome County Recorder of Deeds Office Chain of Title materials were obtained from the Broome County online GIS Mapping Records, www.broomegis.co.broome.ny.us.

APPENDIX A
FIGURES



Site Location Map (MapQuest)

= *Site Location*

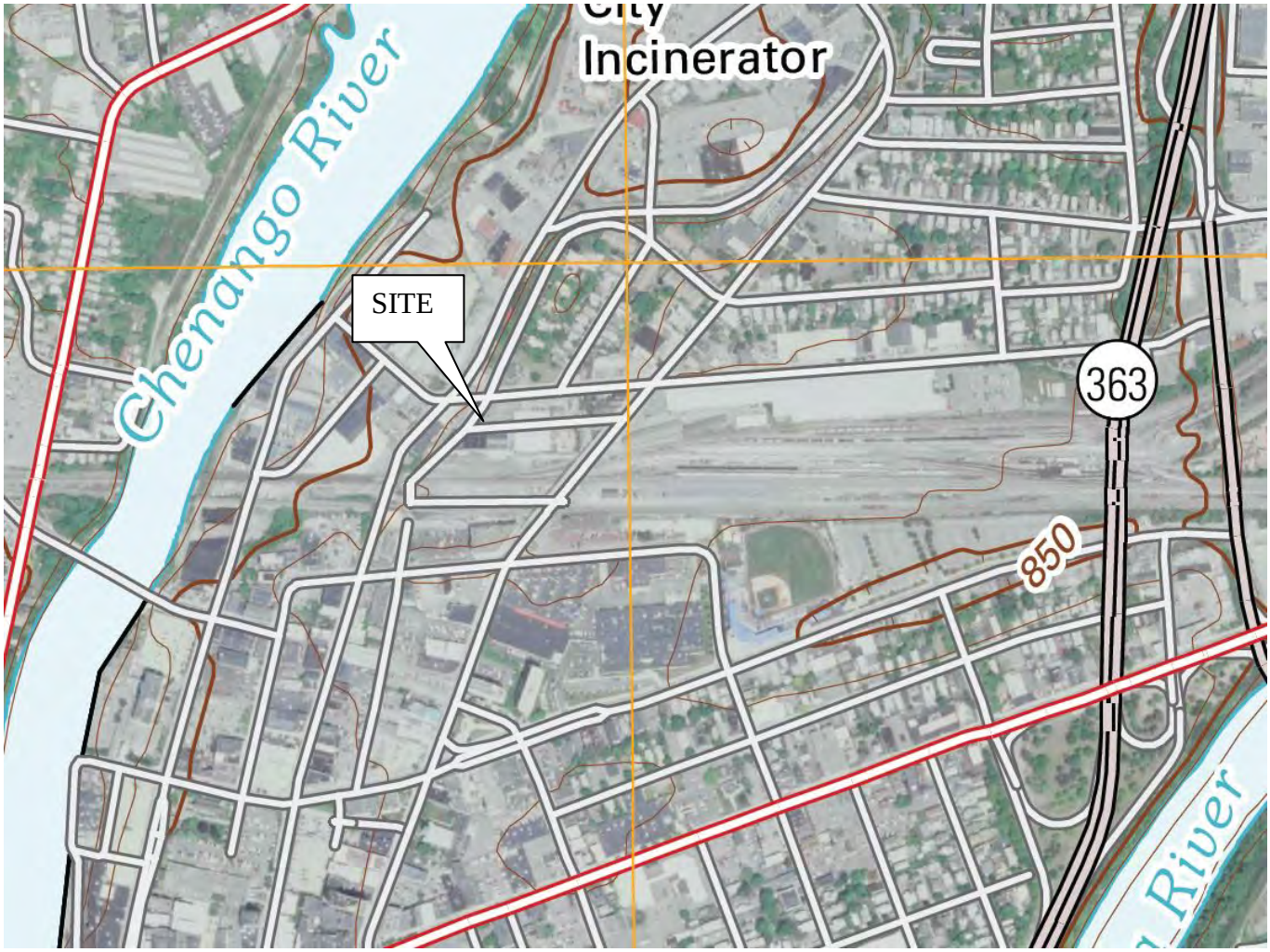
KEYSTONE ASSOCIATES
ARCHITECTS • ENGINEERS • SURVEYORS, LLC

KEYSTONE PROJECT NO. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

Figure 1

Site Location Map



2010, Binghamton West, New York
USGS 7.5-Minute Series Topographic Map

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1 Depot Street
City of Binghamton, Broome County, New York

Figure 2
USGS Vicinity Map

Scale: NTS



Broome County GIS Map with Tax ID

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1 Depot Street
City of Binghamton, Broome County, New York

Figure 3
Site Schematic



Broome County GIS Map with Tax ID, Soils Information,
FEMA Flood Plain data, & NWI Wetlands Information
***Wetland Boundaries Based on 2002 NWI Wetland Inventory Map**
***FEMA Flood Plain information based on Preliminary Panel No 36007C0356F dated 2/5/2010**

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1 Depot Street
City of Binghamton, Broome County, New York

Figure 4
Broome County
GIS Map

Appendix B

Site Inspection Checklist

PROPERTY INSPECTION CHECKLIST 10-1-2015

Feature	Yes/No	Description
Waste/Debris Piles	No	
Drums/Containers	No	
Waste Materials	No	Non-hazardous household debris was identified at certain areas throughout the building.
Discolored Soil	No	
Discolored Surface Water	No	
Odors	No	
Unnatural Fill	No	
Blackened/Burn Areas	No	
ASTs	No	
USTs	No	
Drains/Grates/Manholes	Yes	Floor drains were observed and appear to be connected to the municipal sewer system.
Fill Pipes/Vent Lines	No	
Stressed Vegetation	No	
Wetlands/Seeps	No	
Ponds/Streams	No	
Pits/Basins	No	
Transformers	Yes	Facility owned electrical transformers were not observed however, NYSEG owned electrical transformers were present along the western property boundary.
Elevators/Lifts	No	Chain driven freight elevators are positioned inside the building.
Other	No	

Appendix C

Property Photographs



View of site building from the south.



View of site building from the north.

Appendix C – Property Photographs
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

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Corner view of site building from intersection of Prospect Ave and N. Depot Street.



Main entrance to former Norfolk Southern Railway Offices.



Interior view of site building.



Additional interior view of site building.



View of adjacent building located immediately east of the site building (shared wall).



View of Norfolk Southern railway located immediately south of the Property.



View of adjacent Eck Plastic Arts, plastic manufacturing facility located immediately to the west.



View of adjacent residential parcels to the north across Eldredge Street.

APPENDIX D
HISTORICAL RESEARCH DOCUMENTATION



2014 Aerial Photograph

Appendix D – Historical Research Documentation
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

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2012 Aerial Photograph

Appendix D – Historical Research Documentation
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

KEYSTONE ASSOCIATES
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2006 Aerial Photograph

Appendix D – Historical Research Documentation
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

KEYSTONE ASSOCIATES
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2002 Aerial Photograph

Appendix D – Historical Research Documentation
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

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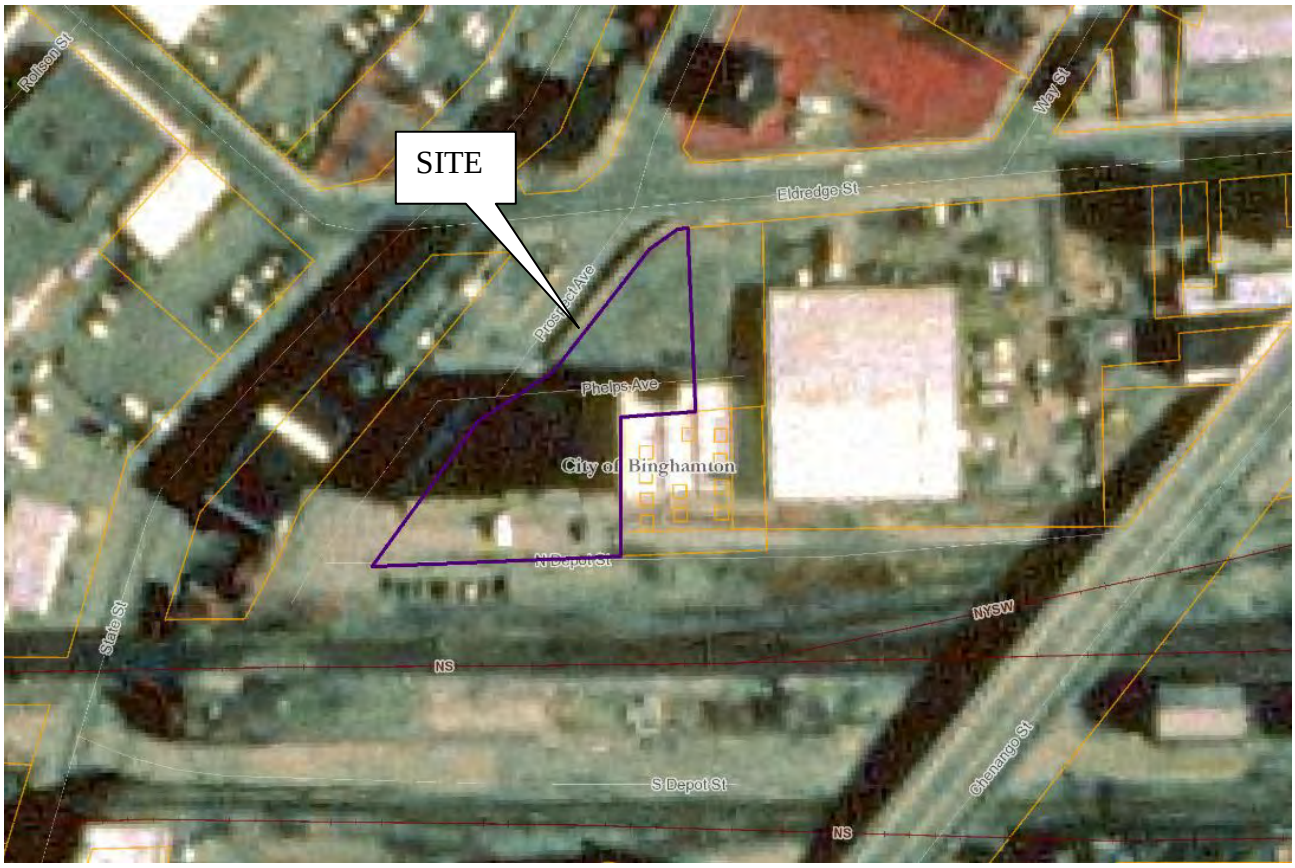


1999 Aerial Photograph

Appendix D – Historical Research Documentation
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

KEYSTONE ASSOCIATES
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1994 Aerial Photograph

Appendix D – Historical Research Documentation
Keystone Project No. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

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2406.18815 – TM# 160.25-2-20.2 (formerly TM# 160.25-2-20)

GRANTEE	GRANTOR	RECORDING DATE	LIBER	PAGE
One North Depot LLC	The County of Broome	04/02/2015	2458	627
The County of Broome	CC Binghamton LLC	12/11/2012	2391	59
CC Binghamton, LLC	North Depot LLC	05/12/2010	2313	657
North Depot LLC	Arise Development LLC	08/28/2008	2241	605
Arise Development LLC	Joseph A. Possemato Donna M. Possemato	02/02/2004	2059	525
Joseph A. Possemato Donna M. Possemato	George W. Brownlow, Jr. Anita M. Brownlow	10/29/1998	1901	973
George W. Brownlow, Jr. Anita M. Brownlow	First-Depot Corporation	02/18/1983	1366	283
First-Depot Corporation	Monk's Express, Inc.	01/25/1966	1100	1182
Monk's Express, Inc.	Cecil C. Knapp	07/05/1962	1054	1104

BROOME COUNTY CLERK
RECORDING PAGE



Return To:

ONE NORTH DEPOT LLC
P O BOX 1554
BINGHAMTON, NY 13901

Index : BOOK OF DEEDS

Book : 02458 Page: 0627

Pages : 0005

Instrument : Deed

Date : 4/02/2015

Time : 1:24:55

Control# : 201500011415

BROOME COUNTY OF

TT# : TT 2015 003145

Employee ID: GMG30953

RC2 - RECORDING	$	46.00
RCMx Basic Recording	$	19.00
E&AC - COUNTY E&A	$	9.00
E&AS - STATE E&A 241	$	241.00
TP - COUNTY TP	$	10.00
STTX - TRANSFER TAX	$	0.00
CTTX - TRANSFER TAX	$	0.00
Total	$	325.00

MORTGAGE TAX

Mortgage Amount	$	.00
Basic	$	.00
Special	$	.00
Additional	$	.00
Total	$	.00

STATE OF NEW YORK
BROOME COUNTY CLERK

TRANSFER TAX

WARNING-THIS SHEET CONSTITUTES THE CLERKS ENDORSEMENT, REQUIRED BY SECTION 316-A(5) & SECTION 319 OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK. DO NOT DETACH.

Taxable Amt	$	.00
Transfer Tax	$	.00

RICHARD R BLYTHE

Comp _____ _____
Ver. _____ _____
Bk. _____ _____



Deed-Quit Claim

This Indenture,

Made the 30 Day of **December two thousand and fourteen**

Between THE COUNTY OF BROOME, a municipal corporation organized under the laws of the State of New York, having its principal place of business in the Edwin L. Crawford County Office Building, Government Plaza, Binghamton, NY 13902. *Grantor(s)* Party(ies) of the first part, and

One North Depot LLC residing or doing business at, **PO Box 1554, Binghamton, New York 13901**

Grantee(s) Parties of the second part,

Witnesseth that the party of the first part, in consideration of

Twenty thousand dollar(s) Dollars (**$20,000.00**)

Lawful money of the United States, and other good and valuable consideration

Paid by the parties of the second part, does hereby remise, release and quitclaim unto the parties of the second part, their heirs and assigns forever,

All that tract or parcel of land situated in the **City of Binghamton**, County of Broome, and State of New York, bounded and described as follows:

Said parcel is designated on the Broome County Tax Map as Tax Map No: **P/O 160.25-2-20,** also known as **P/O 1 North Depot Street.**

The aforementioned premise was conveyed to the County of Broome by Kevin Keough, Director of Real Property Tax Services for the County of Broome by deed dated and recorded in the Broome County Clerk's Office on **December 11, 2012** in Liber **2391** of deeds at page **59,**

Excepting and reserving to the grantor County of Broome the northeast section of the subject's land measuring 58± front feet along Eldredge street by 166± along the easterly line, by 50± feet along the southerly line and 165± along the westerly line to the point of the beginning, and The area south of the existing commercial area of the condominiums along the rear of the building for parking and area measuring 108± along the rear of the building and 18± feet in depth. See Attached Survey

This conveyance is given pursuant to Resolution No: **2014-475** adopted by the Broome County Legislature on **November 20, 2014.**

Together with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

To have and to hold the premises herein granted unto the parties of the second part, their heirs and assigns forever.

In Presence of

In witness Whereof, the party of the first part has caused its corporate seal to be hereunto affixed, and these presents to be signed by it's duly authorized officer this 30th day of **December Two Thousand and fourteen.**

County Of Broome

Approved as to form
By LWS
BROOME COUNTY
ATTORNEY'S OFFICE

By Debra A. Preston

Debra A. Preston

State of New York)
County of Broome) ss.
Prepared by:)
Chloe A. Riley-Haner)

On the 30th day of **December in the year Two Thousand and fourteen**

Before me, the undersigned, a Notary Public in and for said State, personally appeared, ***Debra A. Preston,*** personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s)whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Karen M. Veruto
Notary

KAREN M VERUTO
Notary Public, State of New York
No. 01VE5042801
Qualified in Broome County
Commission Expires April 24, 2015

Deed

Corporation-Quit Claim

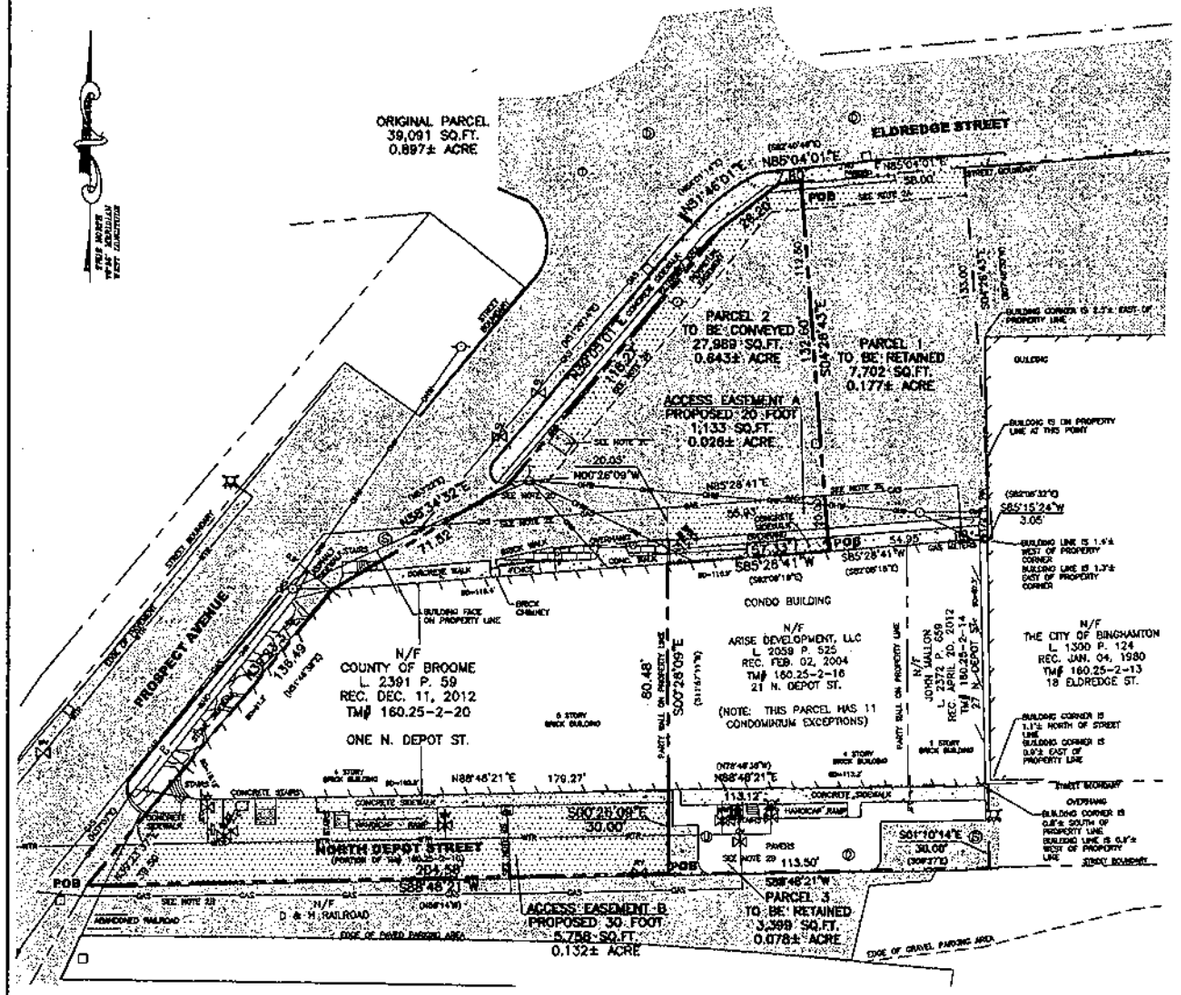
County Of Broome
Grantor(s)

To

One North Depot LLC
Grantee(s)

Mail To:

One North Depot LLC
PO Box 1554
Binghamton, New York 13901



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

LEGEND

●	MONUMENT FOUND AS NOTED
N/F	NOW OR FORMERLY
TM#	TAX MAP NUMBER
80=110.9'	BUILDING DIMENSION
	PROPERTY LINE
	PARCEL TO BE RETAINED LINE
(S82°40'46"E)	DEED BEARING
	SIGN
	UTILITY POLE
	LIGHT POLE
	GUY WIRE
—OHW—	OVERHEAD UTILITIES
	TELEPHONE MANHOLE
	GAS VALVE
	GAS METER
—GAS—	GAS LINE
	SANITARY SEWER MANHOLE
—SEW—	SANITARY SEWER LINE
	HYDRANT
	WATER VALVE
	WATER HOUSE SERVICE
—WTR—	WATER LINE
	DRAINAGE MANHOLE
	CATCH BASIN
—STORM—	STORM LINE
	BOLLARD

NOTES

1. PREMISES SOURCE OF TITLE BEING L. 2391 P. 59, RECORDED IN THE BROOME COUNTY CLERK'S OFFICE DECEMBER 11, 2012.
2. SUBJECT TO THE FOLLOWING AS RECORDED IN THE BROOME COUNTY CLERK'S OFFICE:
   A. PERPETUAL EASEMENT GRANTED TO STATE THE NEW YORK IN L. 443 P. 502.
   B. EASEMENT GRANTED TO NEW YORK STATE ELECTRIC & GAS CORP. IN L. 2083 P. 169 ON SEPTEMBER 20, 2004.
   C. EASEMENT GRANTED TO NEW YORK STATE ELECTRIC & GAS CORP. IN L. 2083 P. 205 ON SEPTEMBER 20, 2004.
   D. EASEMENT GRANTED TO NEW YORK STATE ELECTRIC & GAS CORP. IN L. 2083 P. 209 ON SEPTEMBER 20, 2004.
   E. EASEMENT GRANTED TO NEW YORK STATE ELECTRIC & GAS CORP. IN L. 2094 P. 675 ON DECEMBER 30, 2004.
3. UNRECORDED EASEMENTS:
   - PROPOSED 30 FOOT ACCESS EASEMENT TO BE RESERVED OVER NORTH DEPOT STREET.
   - PROPOSED 20 FOOT ACCESS EASEMENT AS SHOWN ON THIS MAP.
4. SUBJECT TO ANY AND ALL EASEMENTS OF RECORD AND/OR AS FOUND IN THE FIELD.
5. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE TO THE PROPERTY OR A TITLE REPORT.

REFERENCE DATA

1. MAP ENTITLED "MAP OF INGLESIDE AT BINGHAMTON N.Y." PREPARED BY S.E. MONROE RECORDED IN THE BROOME COUNTY CLERK'S OFFICE IN BOOK OF MAPS 1 PAGE 169 ON JANUARY 4, 1889.
2. MAP ENTITLED "SURVEY FOR JOSEPH A. POSSEMATO, DONNA M. POSSEMATO, 1-25 NORTH DEPOT STREET, CITY OF BINGHAMTON, BROOME COUNTY, NEW YORK STATE" PREPARED BY KEYSTONE ASSOCIATES ARCHITECTS, ENGINEERS & SURVEYORS, LLC AS PROJECT NO. 368.21001 ON DECEMBER 21, 2001 AND REVISED JANUARY 11, 2002.
3. MAP ENTITLED "BOUNDARY SURVEY FOR ARI MEISEL, 100 PROSPECT AVE. & 19-25 NORTH DEPOT ST., CITY OF BINGHAMTON, BROOME COUNTY, NEW YORK STATE" PREPARED BY KEYSTONE ASSOCIATES ARCHITECTS, ENGINEERS & SURVEYORS, LLC AS PROJECT NO. 775.25003 ON DECEMBER 24, 2003.

I hereby certify to ONE NORTH DEPOT LLC that this survey was prepared in accordance with the current Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. This certification is limited to persons for whom this map is prepared, to the title company and to the leading institution listed. Certifications are not transferable to additional institutions or subsequent owners.

58 Exchange Street
Binghamton, New York 13901
Phone: 607.722.1100
Fax: 607.722.2515
Email: info@keystonep.com
www.keystonep.com

KEYSTONE ASSOCIATES
ARCHITECTS, ENGINEERS AND SURVEYORS, LLC

STATE OF NEW YORK
RODNEY LEE CAREY
No. 049642
LICENSED LAND SURVEYOR

RODNEY L. CAREY, PLS LIC. NO. 049642

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It is a violation of Section 7209, Subdivision 2 of the New York State Education Law for any person, unless acting under the direction of a licensed professional engineer, architect, landscape architect or surveyor, to alter this survey map in any way. If an item bearing the stamp of a licensed professional is altered, the altering engineer, architect, landscape architect or surveyor should affix to the survey map his seal or stamp and the notation "altered by" followed by his signature and the date of such alteration, and a specific description of the alteration.

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Keystone Associates Architects, Engineers and Surveyors, LLC

BOUNDARY SURVEY
FOR
ONE NORTH DEPOT LLC
ONE NORTH DEPOT STREET
CITY OF BINGHAMTON BROOME COUNTY NEW YORK STATE

SHEET NO.
B-1

PROJECT NO.
2408.26914

DATE OF FIELD WORK:
12/23/2014

DATE OF MAP:
03/15/2015

CAD FILE NO.:
2408.26901.NO-1.dwg

SURVEYOR'S DESCRIPTION, PARCEL 2, TO BE CONVEYED: ONE NORTH DEPOT LLC

ONE NORTH DEPOT STREET, CITY OF BINGHAMTON, BROOME COUNTY, NEW YORK STATE

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Binghamton, County of Broome, State of New York, being a portion of the property now or formerly of the County of Broome described in Liber 2391 Page 59 as recorded in the Broome County Clerk's Office on December 11, 2012 (portion of TM# 160.25-2-20), bounded and described as follows: BEGINNING at a point on the southeasterly boundary of Prospect Avenue at its intersection with the division line between the property now or formerly of the D & H Railroad on the south and the property now or formerly of the County of Broome per L. 2391 P. 59 (TM# 160.25-2-20) on the north;

RUNNING THENCE along said Prospect Avenue the following four (4) courses and distances:

1) N39°23'37"E, a distance of 136.49 feet to a point;

2) N58°34'32"E, a distance of 71.52 feet to a point;

3) N39°05'01"E, a distance of 118.27 feet to a point;

4) N51°46'01"E, a distance of 26.20 feet to a point at its intersection with the southerly boundary of Eldredge Street; thence N85°04'01"E along said Eldredge Street, a distance of 7.80 feet to a point; thence S04°26'43"E through said County of Broome, a distance of 132.60 feet to a point at its intersection with the division line between the property now or formerly of Arise Development, LLC per L. 2059 P. 525 (TM# 160.25-2-16) on the south and said County of Broome on the north; thence along the division lines between said Arise Development and said County of Broome the following two (2) courses and distances:

1) S85°28'41"W, a distance of 57.33 feet to a point;

2) S00°26'09"E, a distance of 80.48 feet to a point, the last mentioned course also being along a party wall; thence continuing S00°26'09"E through said County of Broome, a distance of 30.00 feet to a point at its intersection with said D & H Railroad on the south and said County of Broome on the north; thence S88°48'21"W along the last mentioned division line, a distance of 204.58 feet to the POINT OF BEGINNING.

The above described parcel contains 27,989 square feet or 0.643 acre, more or less.

The above described parcel is subject to the following by Deed Recorded in the Broome County Clerk's Office:

1) Perpetual Easement Granted to the State of New York in L. 443 P. 502;

2) Easement Granted to New York State Electric & Gas Corp. in L. 2083 P. 169 on September 20, 2004.

3) Easement Granted to New York State Electric & Gas Corp. in L. 2083 P. 206 on September 20, 2004.

4) Easement Granted to New York State Electric & Gas Corp. in L. 2083 P. 209 on September 20, 2004.

5) Easement Granted to New York State Electric & Gas Corp. in L. 2094 P. 675 on December 30, 2004.

6) Access Easement A as shown on below described map.

7) Access Easement B as shown on below described map.

The above described parcel is subject to any and all easements of record and/or as found in the field.

Bearings are referred to True North at the 76°35' Meridian of West Longitude.

The above described parcel is shown on the map entitled "Boundary Survey for One North Depot LLC, One North Depot Street, City of Binghamton, Broome County, New York State" as Parcel 2 to be Conveyed, prepared by Keystone Associates Architects, Engineers and Surveyors, LLC as project number 2406.26914, sheet B-1 dated February 13, 2015.

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1 Depot Street

1 Depot Street
Binghamton, NY 13901

Inquiry Number: 4425654.5
October 02, 2015

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2013	☑	☐	Cole Information Services
2008	☑	☐	Cole Information Services
2003	☑	☐	Cole Information Services
1995	☑	☐	Cole Information Services
1992	☑	☐	Cole Information Services
1970	☑	☐	Calkin-Kelly Directory Co
1964	☑	☐	Calkin-Kelly Directory Co
1958	☑	☐	Calkin-Kelly Directory Co
1949	☑	☐	Calkin-Kelly Directory Co
1940	☑	☐	Calkin-Kelly Directory Co
1930	☑	☐	Calkin-Kelly Directory Co

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FINDINGS

TARGET PROPERTY STREET

1 Depot Street
Binghamton, NY 13901

Year	*CD Image*	*Source*
DEPOT ST		
2013	pg A1	Cole Information Services
N DEPOT ST		
2013	pg A2	Cole Information Services
2008	pg A3	Cole Information Services
2003	pg A4	Cole Information Services
1995	pg A5	Cole Information Services
1992	pg A6	Cole Information Services
1970	pg A7	Calkin-Kelly Directory Co
1964	pg A8	Calkin-Kelly Directory Co
1958	pg A9	Calkin-Kelly Directory Co
1949	pg A10	Calkin-Kelly Directory Co
1940	pg A11	Calkin-Kelly Directory Co
1930	pg A12	Calkin-Kelly Directory Co

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

DEPOT ST 2013

19 AUTOMATIC GARAGE DOOR COMPANY

Target Street	Cross Street	Source
✓	-	Cole Information Services

N DEPOT ST 2013

21	DON NEVIN DONALD NEVID STEPHEN RAUBE-WILSON

Target Street	Cross Street	Source
✓	-	Cole Information Services

N DEPOT ST 2008

21 JOSHUA BERNHARD

Target Street	Cross Street	Source
✓	-	Cole Information Services

N DEPOT ST 2003

15	DARLINGS INC
25	WILLIAM HOWELL
	WOLFINGERS APPLIANCE & TV
117	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
✓	-	Cole Information Services

N DEPOT ST 1995

15 DARLINGS INC

Target Street	Cross Street	Source
✓	-	Cole Information Services

N DEPOT ST 1992

15 DARLINGS INC
25 NIGHTWING ENTERPRISES

Target Street	Cross Street	Source
✓	-	Calkin-Kelly Directory Co

N DEPOT ST 1970

30 Knox Grace S*
34 Kocik W E*

DEPOT NORTH

From Prospect av, 2d north of Lewis, east to Chenango, Ward 11.

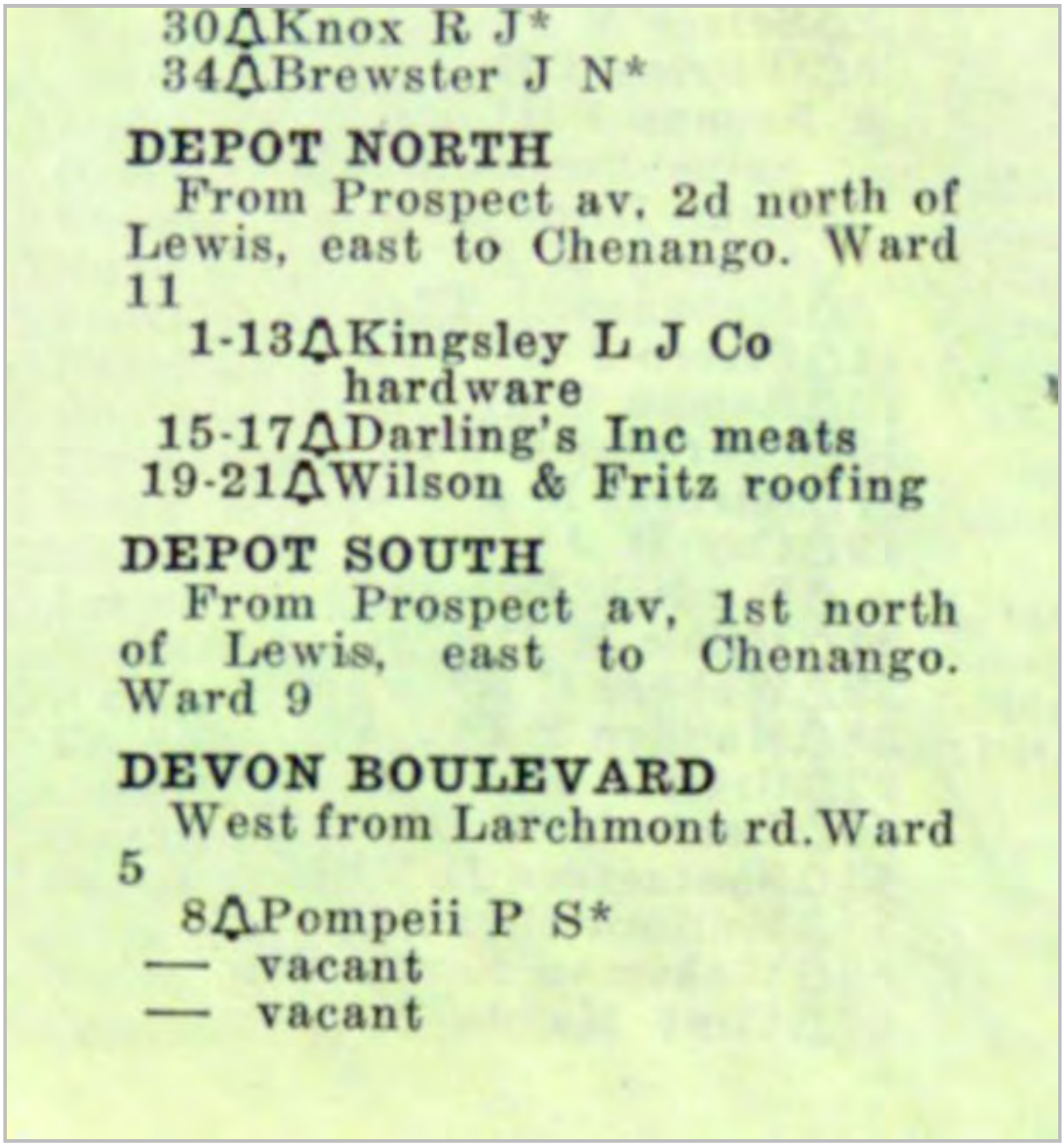
1-13 Kingsley L J Inc hardware
15-17 Darling's Inc meats
19-21 Lander Co Storage
23 Parlor City Paper Box Co Storage

DEPOT SOUTH

From Prospect av, 1st north of Lewis, east to Chenango. Ward 9.

Target Street	Cross Street	Source
✓	-	Calkin-Kelly Directory Co

N DEPOT ST 1964



30 Knox R J*
34 Brewster J N*

DEPOT NORTH

From Prospect av, 2d north of Lewis, east to Chenango. Ward 11

1-13 Kingsley L J Co hardware
15-17 Darling's Inc meats
19-21 Wilson & Fritz roofing

DEPOT SOUTH

From Prospect av, 1st north of Lewis, east to Chenango. Ward 9

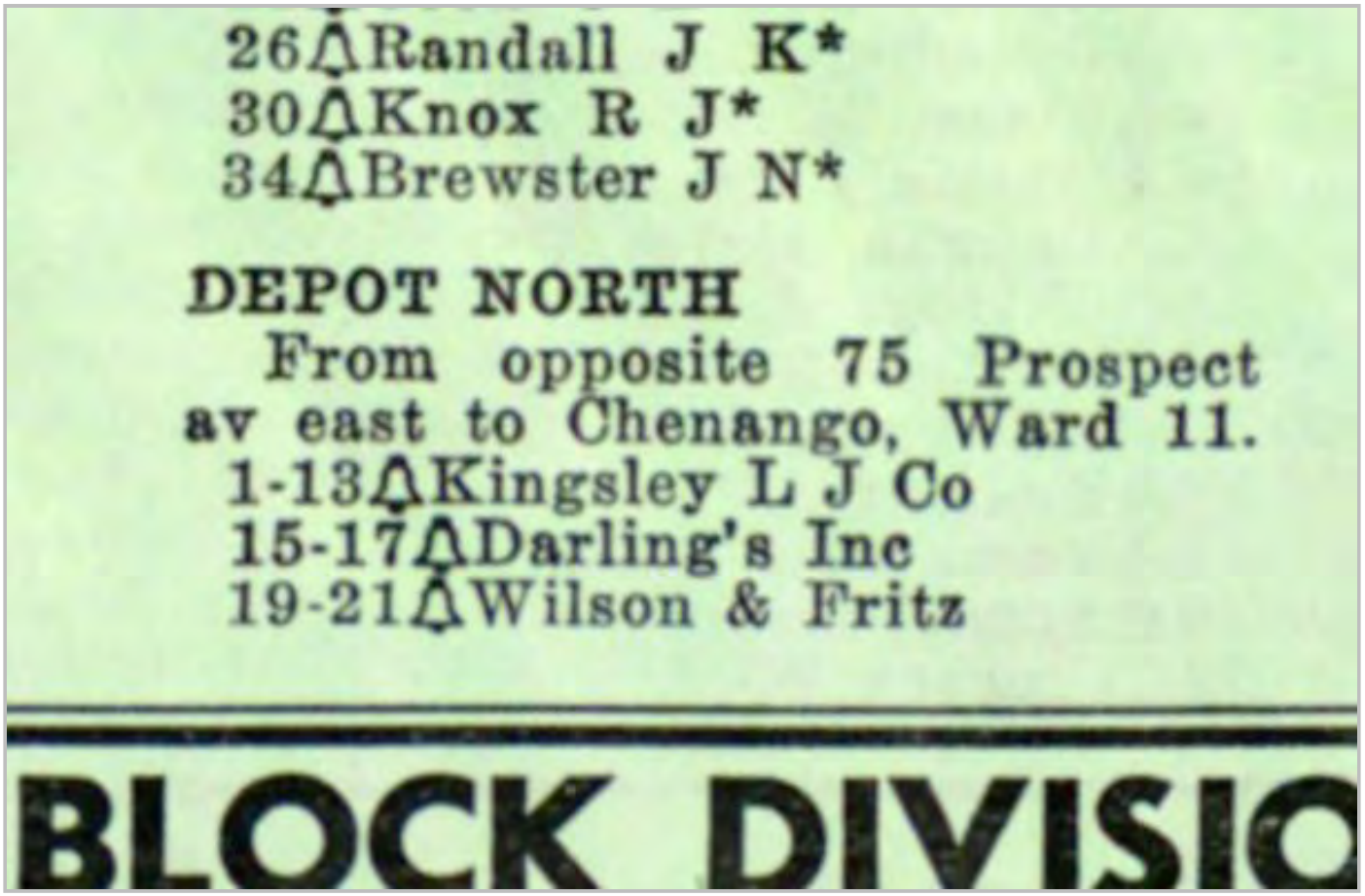
DEVON BOULEVARD

West from Larchmont rd. Ward 5

8 Pompeii P S*
— vacant
— vacant

Target Street	Cross Street	Source
✓	-	Calkin-Kelly Directory Co

N DEPOT ST 1958



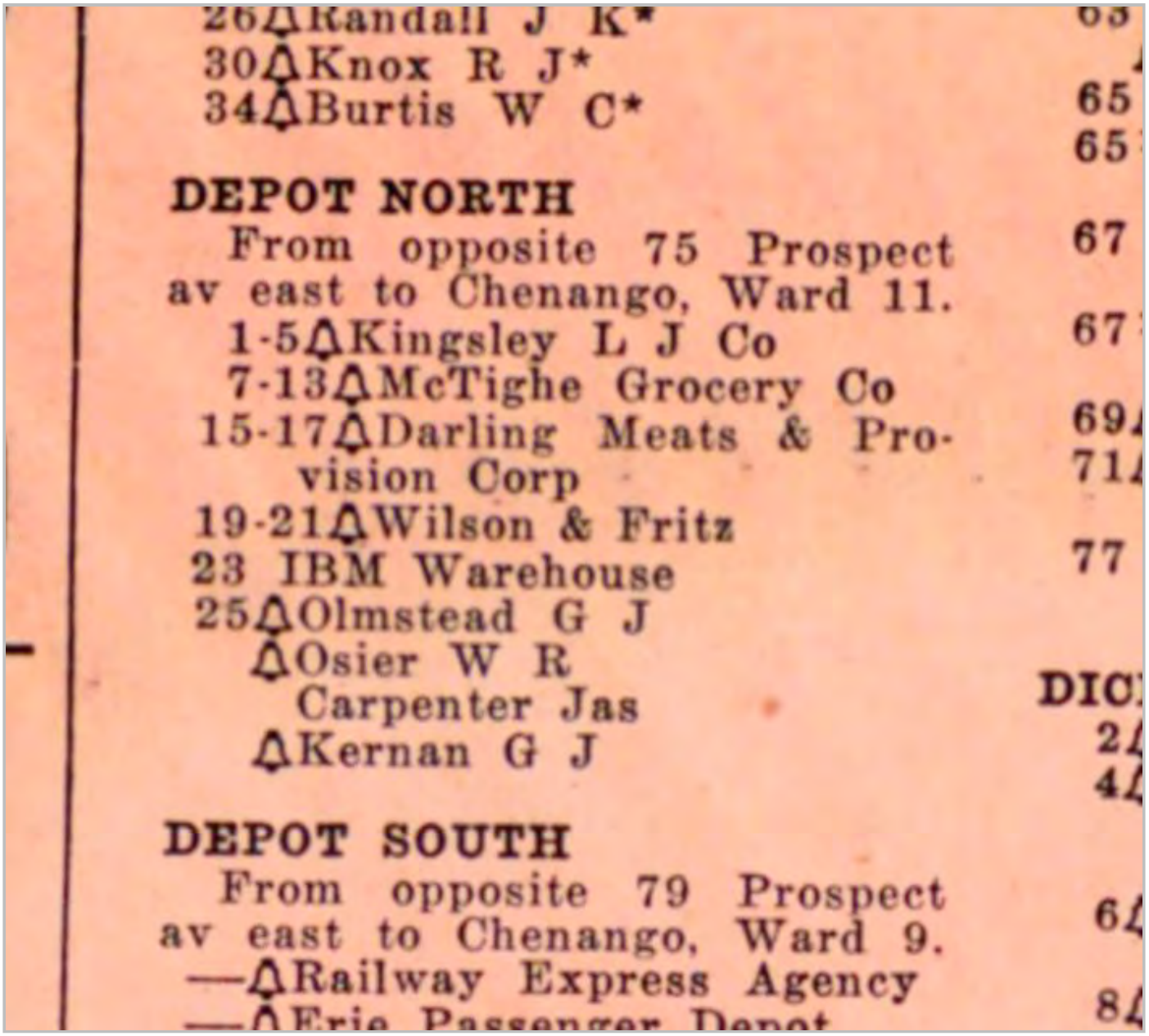
26 Randall J K*
30 Knox R J*
34 Brewster J N*

DEPOT NORTH
From opposite 75 Prospect av east to Chenango, Ward 11.
1-13 Kingsley L J Co
15-17 Darling's Inc
19-21 Wilson & Fritz

BLOCK DIVISIO

Target Street	Cross Street	Source
✓	-	Calkin-Kelly Directory Co

N DEPOT ST 1949



26 Randall J K*
30 Knox R J*
34 Burtis W C*

DEPOT NORTH
From opposite 75 Prospect av east to Chenango, Ward 11.

1-5 Kingsley L J Co
7-13 McTighe Grocery Co
15-17 Darling Meats & Provision Corp
19-21 Wilson & Fritz
23 IBM Warehouse
25 Olmstead G J
Osier W R
Carpenter Jas
Kernan G J

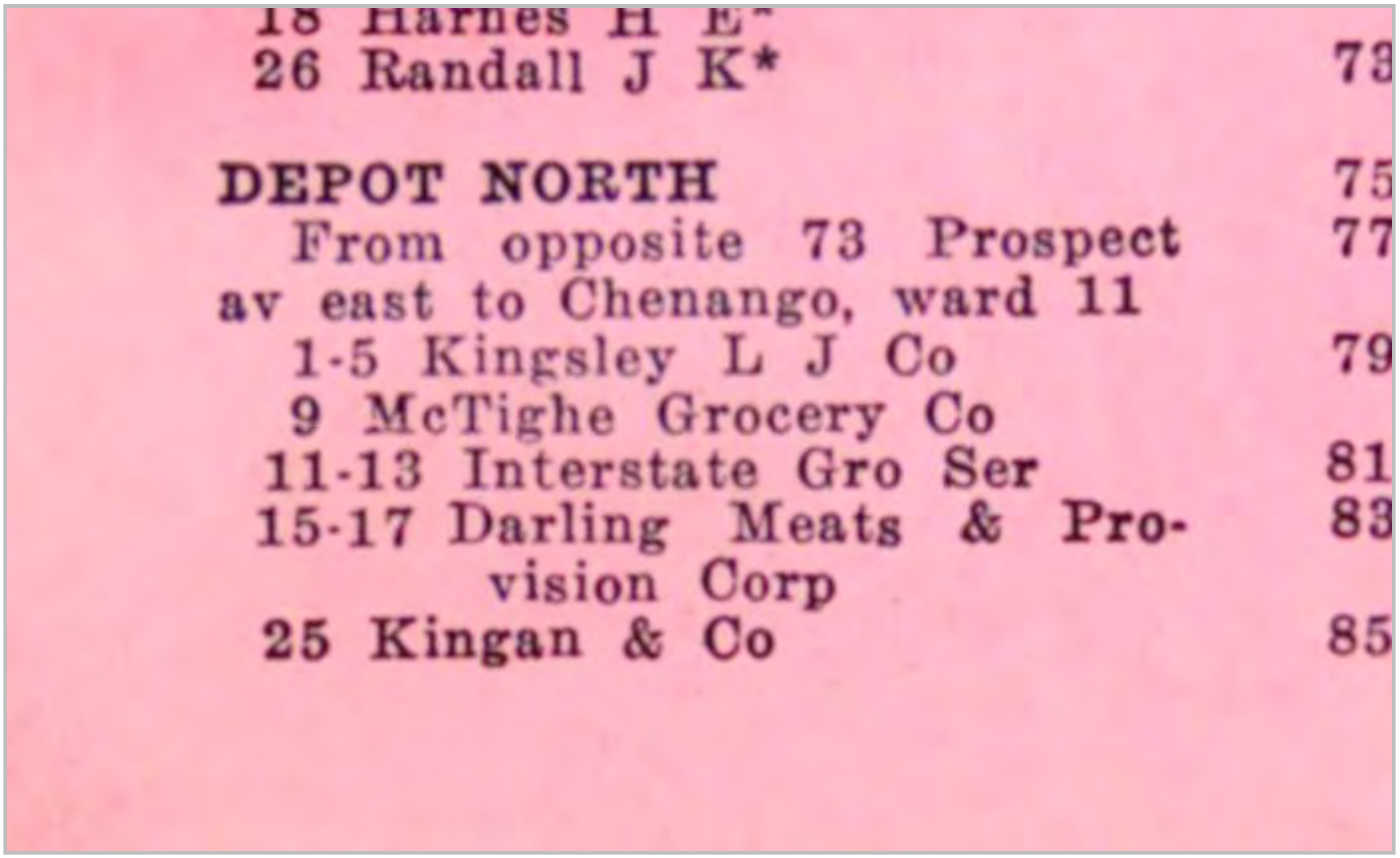
DEPOT SOUTH
From opposite 79 Prospect av east to Chenango, Ward 9.

—Railway Express Agency
—Erie Passenger Depot

65
65
67
67
69
71
77
DIC
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4
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8

Target Street	Cross Street	Source
✓	-	Calkin-Kelly Directory Co

N DEPOT ST 1940

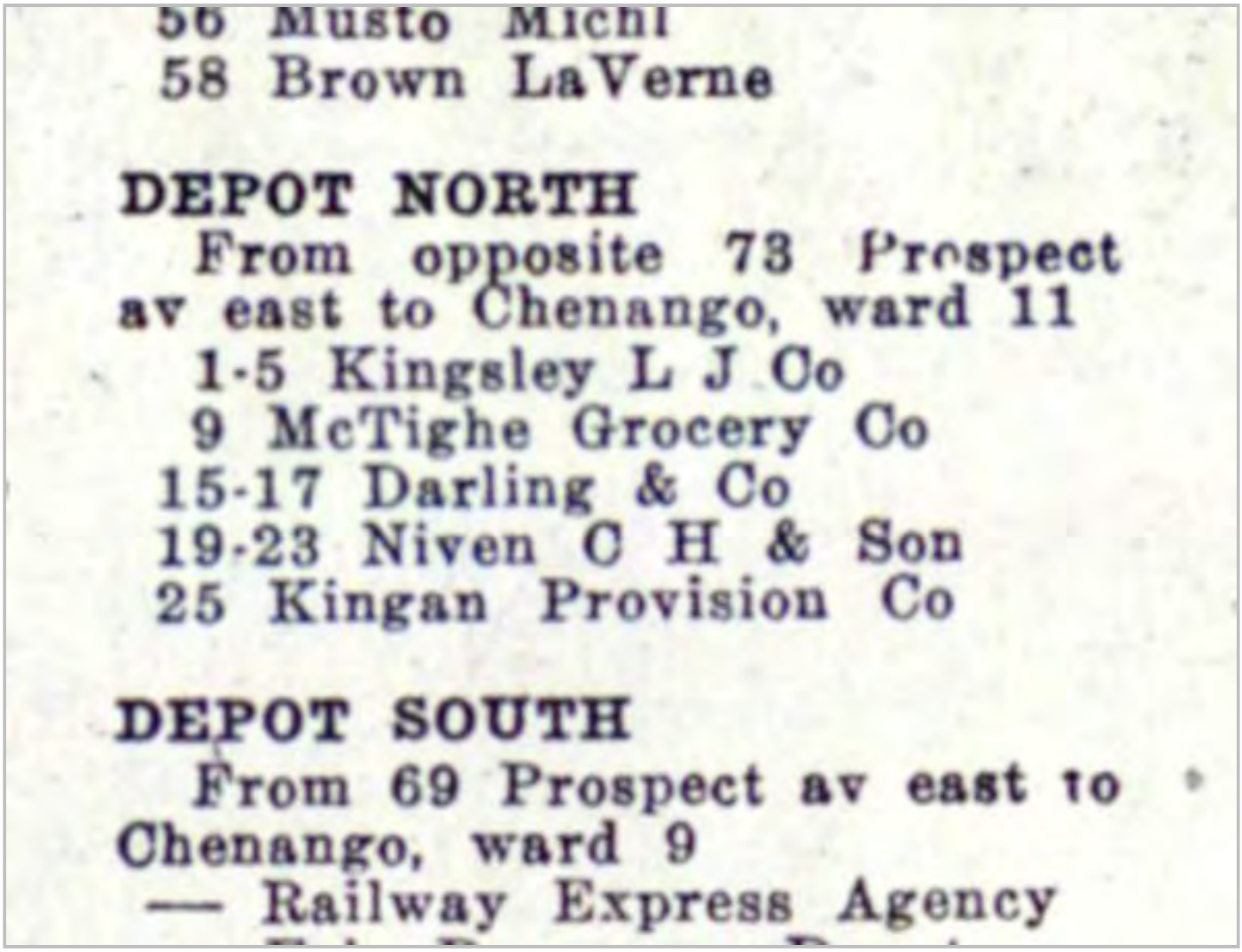


18 Harnes H E~
26 Randall J K* 73

DEPOT NORTH 75
From opposite 73 Prospect 77
av east to Chenango, ward 11
1-5 Kingsley L J Co 79
9 McTighe Grocery Co
11-13 Interstate Gro Ser 81
15-17 Darling Meats & Pro- 83
vision Corp
25 Kingan & Co 85

Target Street	Cross Street	Source
✓	-	Calkin-Kelly Directory Co

N DEPOT ST 1930



56 Musto Michl
58 Brown LaVerne

DEPOT NORTH

From opposite 73 Prospect av east to Chenango, ward 11

1-5 Kingsley L J Co
9 McTighe Grocery Co
15-17 Darling & Co
19-23 Niven C H & Son
25 Kingan Provision Co

DEPOT SOUTH

From 69 Prospect av east to Chenango, ward 9

— Railway Express Agency

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1 Depot Street
1 Depot Street
Binghamton, NY 13901

Inquiry Number: 4425654.3
September 30, 2015

Certified Sanborn® Map Report

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Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/30/15

Site Name:
1 Depot Street
1 Depot Street
Binghamton, NY 13901

Client Name:
Keystone Associates, Architect
Engineers, & Surveyers, LLC
Binghamton, NY 13901

EDR Inquiry # 4425654.3

Contact: Timothy M. Oconnor

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Certified Sanborn Results:

Site Name: 1 Depot Street
Address: 1 Depot Street
City, State, Zip: Binghamton, NY 13901
Cross Street:
P.O. # 2406
Project: 1 Depot Street
Certification # 7A30-4515-916B

Maps Provided:

1970	1887
1952	
1950	
1918	
1898	
1891	

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- ✓ Library of Congress
- ✓ University Publications of America
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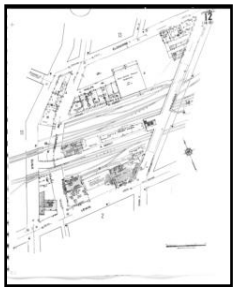
Sanborn Sheet Thumbnails

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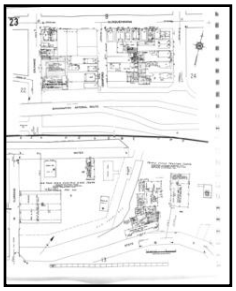
Volume 1, Sheet 11



Volume 1, Sheet 12



Volume 1, Sheet 13



Volume 1, Sheet 23

1952 Source Sheets



Volume 1, Sheet 11



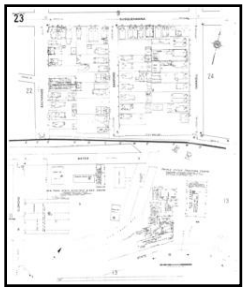
Volume 1, Sheet 12



Volume 1, Sheet 13



Volume 1, Sheet 14

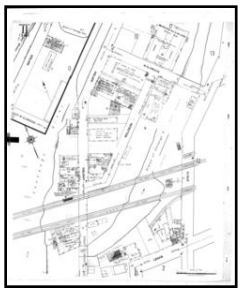


Volume 1, Sheet 23

1950 Source Sheets



Volume 1, Sheet xxxx



Volume 1, Sheet 11

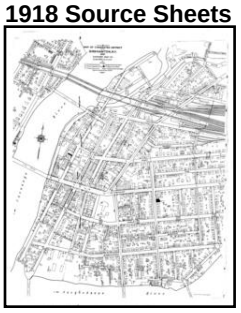


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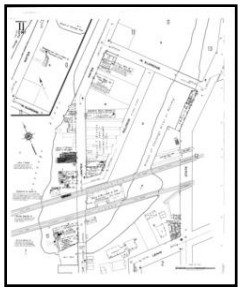


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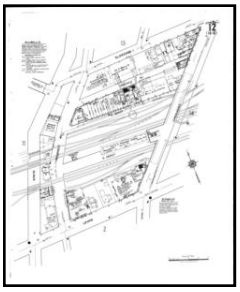
1918 Source Sheets



Volume 1, Sheet xxxx



Volume 1, Sheet 11

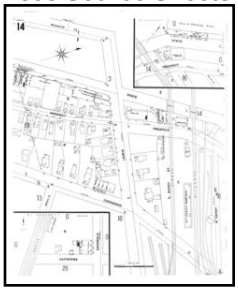


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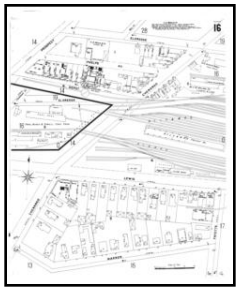


Volume 1, Sheet 13

1898 Source Sheets



Volume 1, Sheet 14



Volume 1, Sheet 16



Volume 1, Sheet 28

1891 Source Sheets

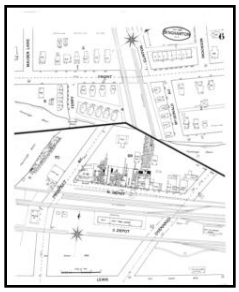


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1887 Source Sheets

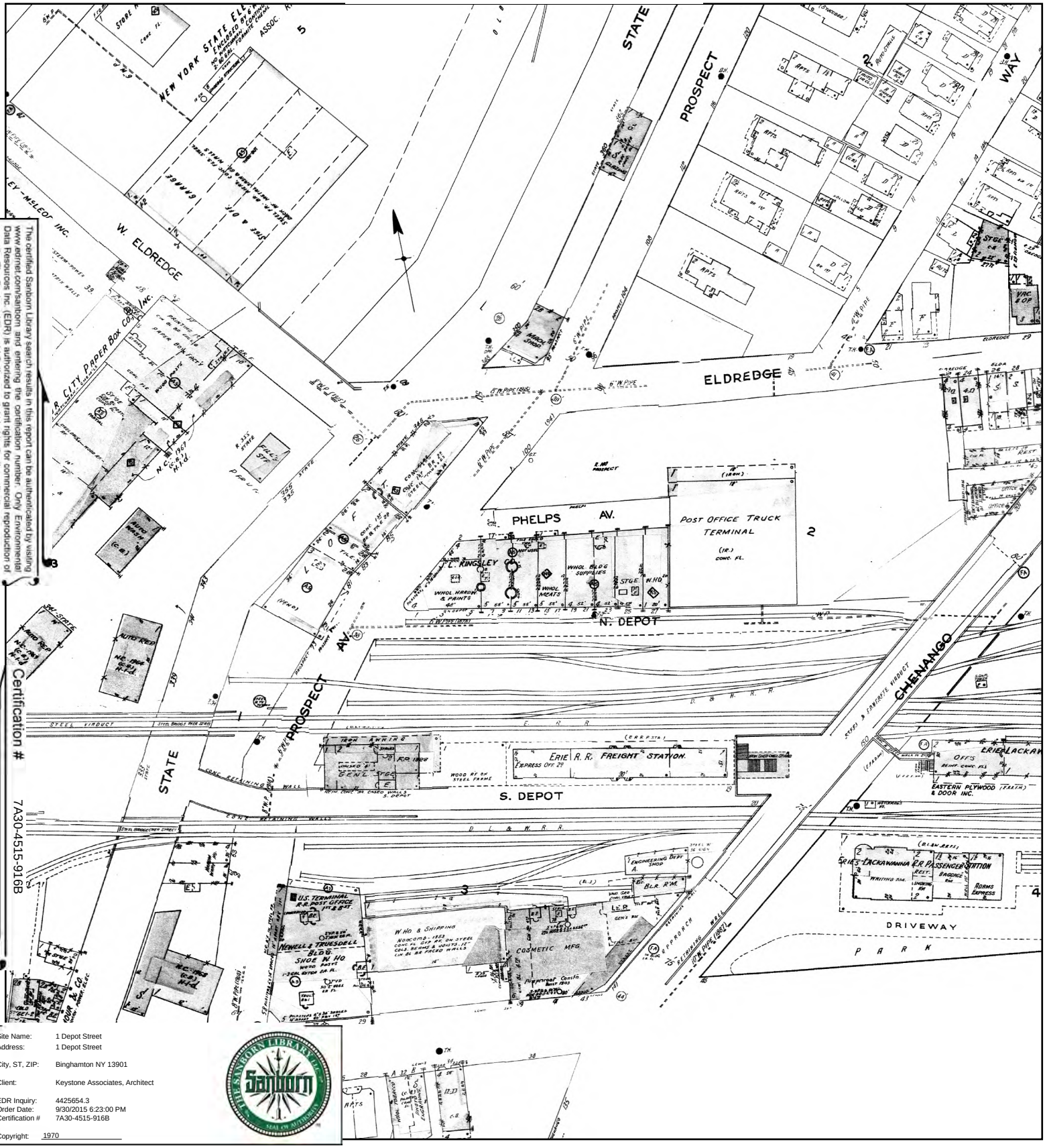


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1970 Certified Sanborn Map



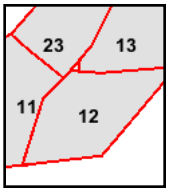
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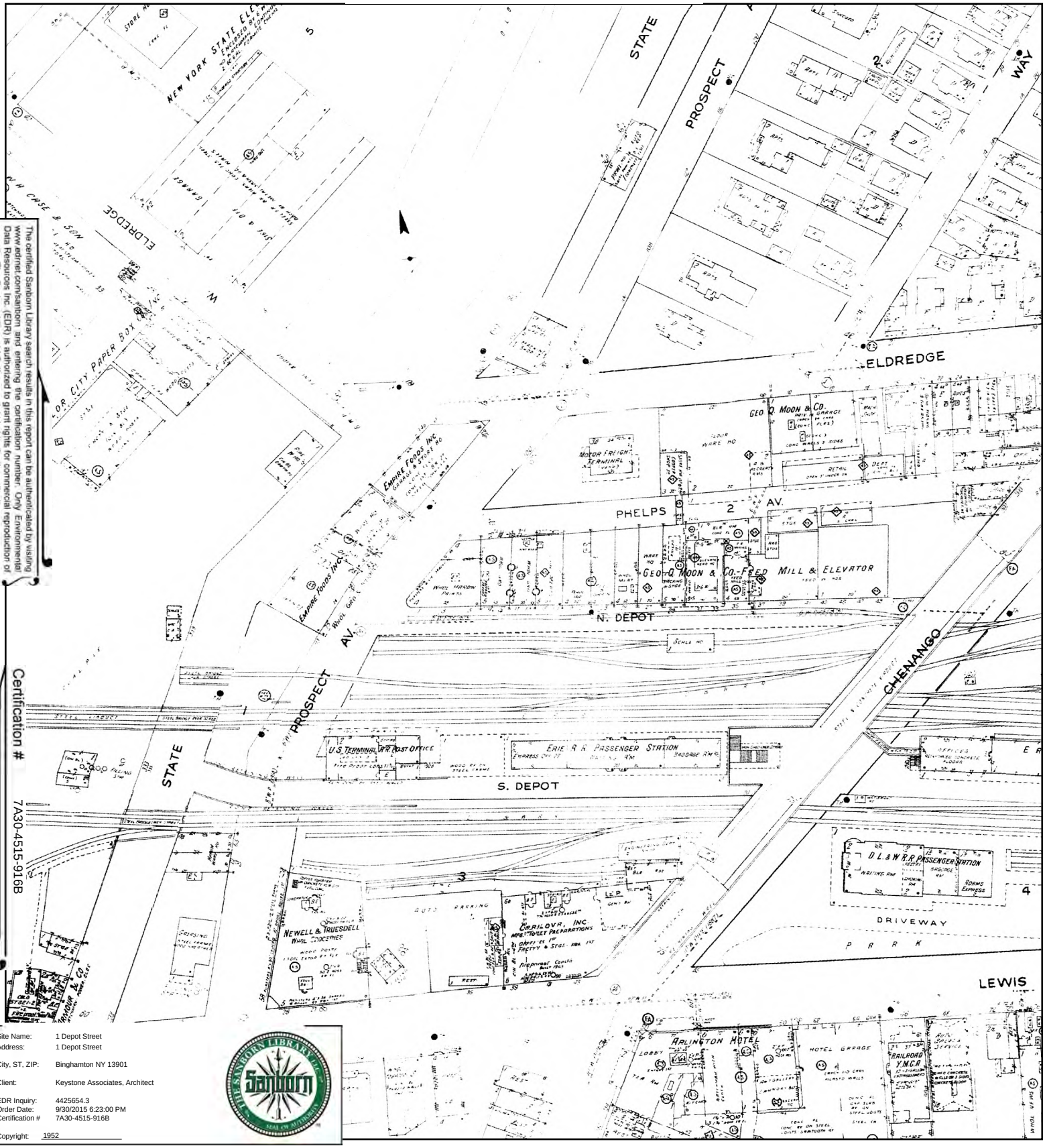


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1952 Certified Sanborn Map



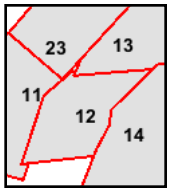
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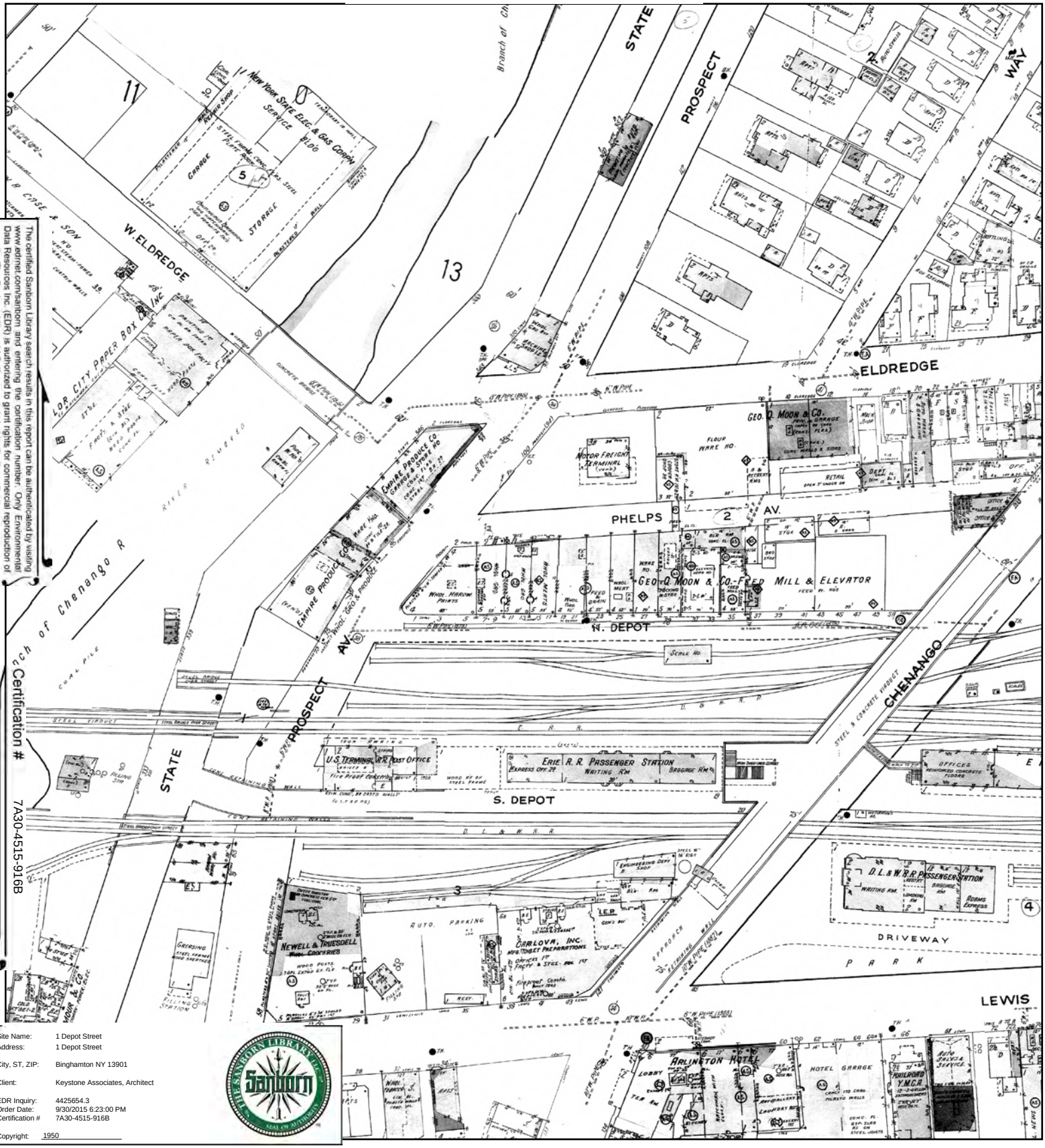


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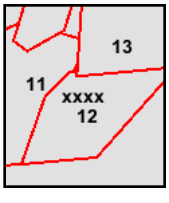
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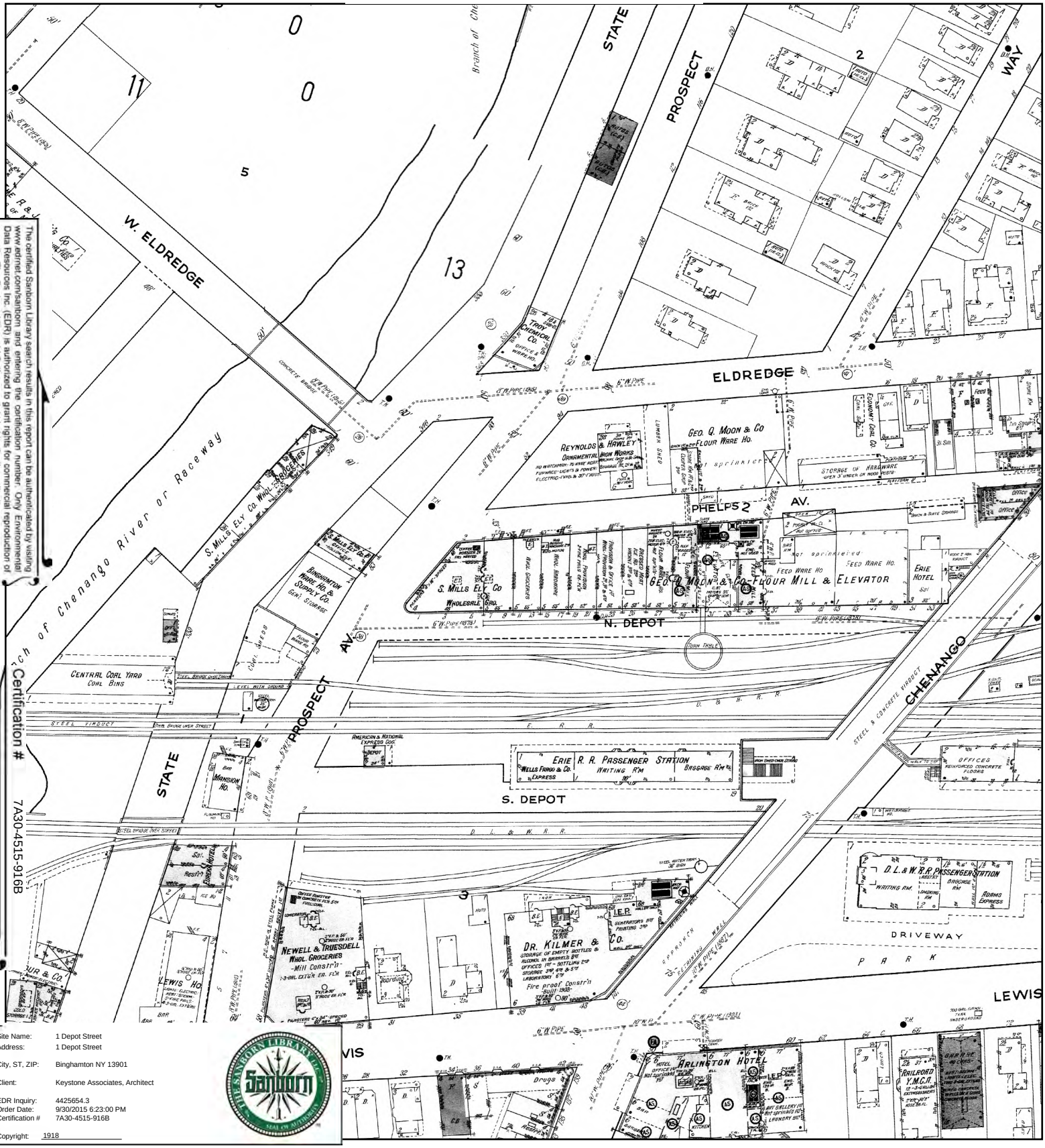




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N

1918 Certified Sanborn Map



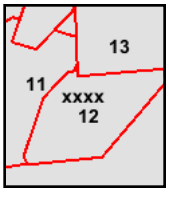
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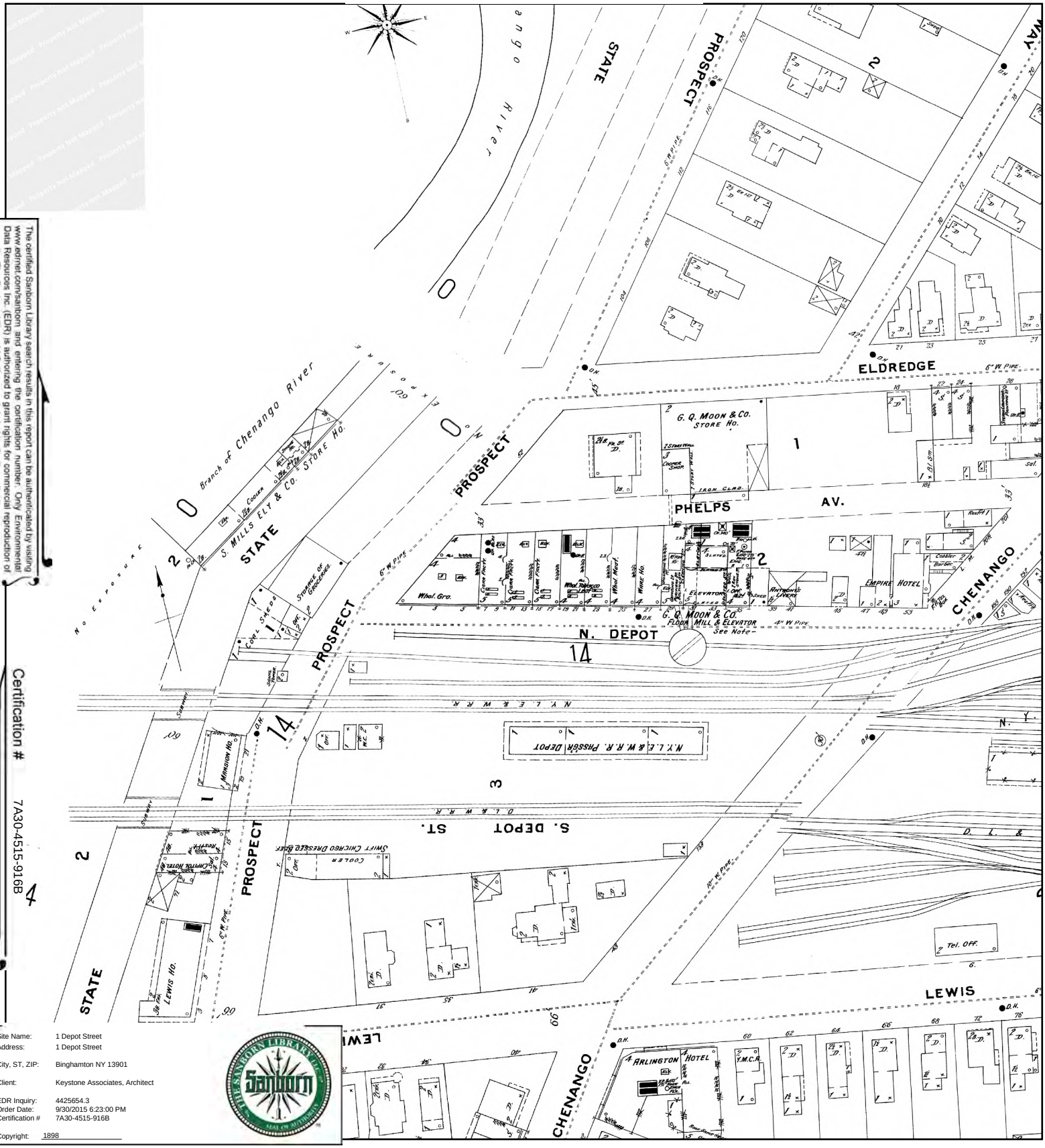


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N

1898 Certified Sanborn Map



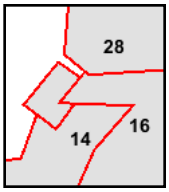
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1891 Certified Sanborn Map



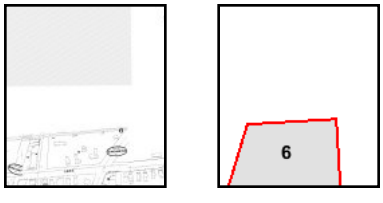
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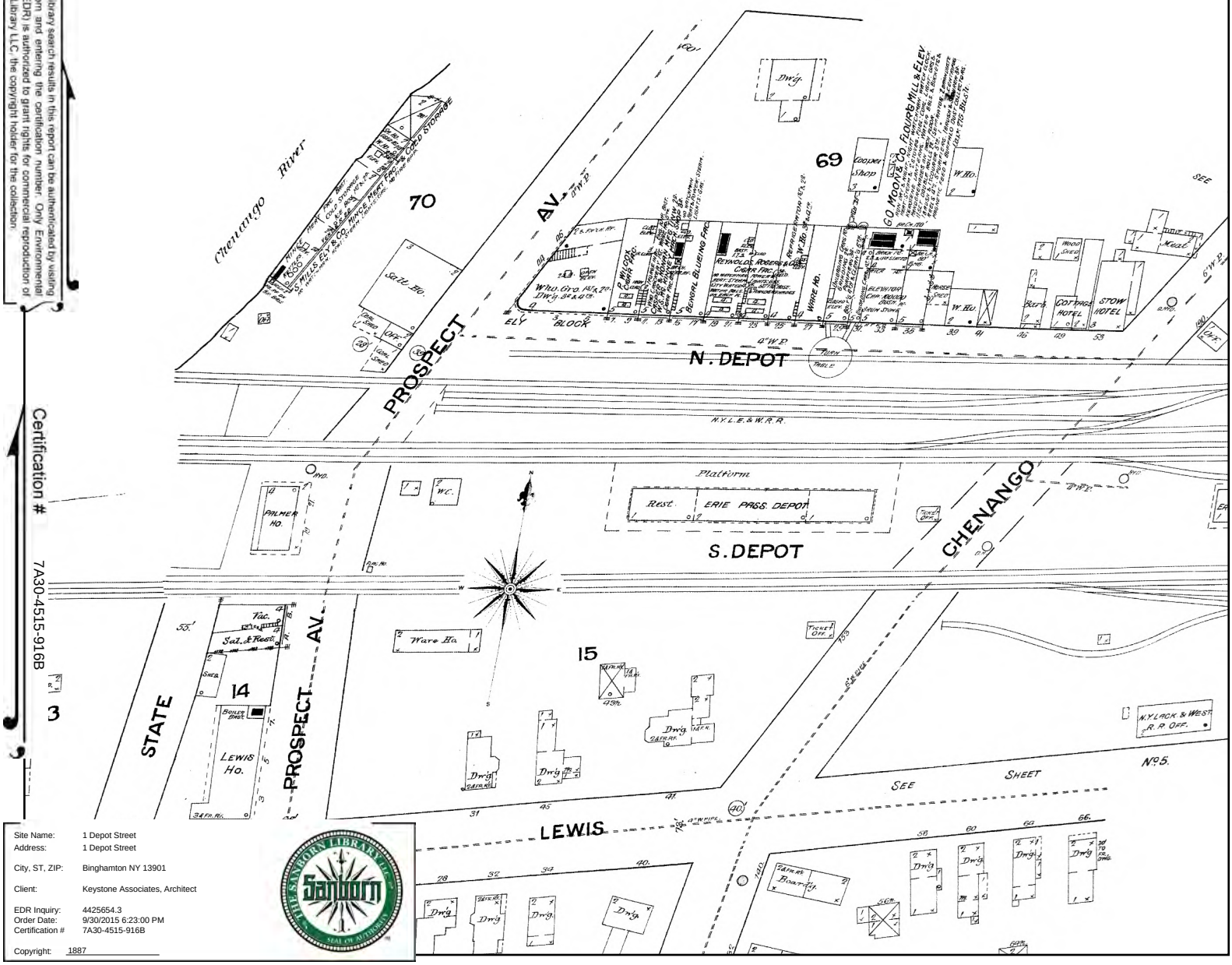
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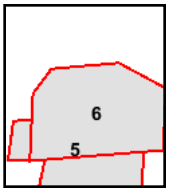


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Address:	1 Depot Street
City, ST, ZIP:	Binghamton NY 13901
Client:	Keystone Associates, Architect
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Volume 1, Sheet 6

N

APPENDIX E

REGULATORY RECORDS DOCUMENTATION

1 Depot Street
1 Depot Street
Binghamton, NY 13901

Inquiry Number: 4425654.2s
September 30, 2015

EDR Summary Radius Map Report

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1 DEPOT STREET
BINGHAMTON, NY 13901

COORDINATES

Latitude (North):	42.1045000 - 42° 6' 16.20''
Longitude (West):	75.9093000 - 75° 54' 33.48''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	424814.9
UTM Y (Meters):	4661565.0
Elevation:	864 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20110512, 20110702
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1 DEPOT STREET
BINGHAMTON, NY 13901

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	NORFOLK SOUTHERN RAI	15 DEPOT STREET	NY Spills	Lower	1 ft.
A2	SPEAR ENTERPRISES	89 PROSPECT AVE	RCRA NonGen / NLR, FINDS	Lower	11, 0.002, North
A3		339 STATE ST	EDR US Hist Auto Stat	Lower	149, 0.028, WNW
A4	HESS - STATE ST.	357 STATE STREET	NY Spills	Lower	153, 0.029, NNW
A5	HESS CORPORATION	357 STATE ST	RCRA NonGen / NLR, NY MANIFEST	Lower	153, 0.029, NNW
A6		357 STATE ST	EDR US Hist Auto Stat	Lower	153, 0.029, NNW
B7	STATE STREET UNDERPA	LEWIS ROAS X STREET	NY Spills	Lower	161, 0.030, West
C8	ZIEBART	365 STATE ST	NY Spills	Lower	168, 0.032, North
C9	ZIEBART-RHINOLINING	365 STATE ST	NY Spills	Lower	168, 0.032, North
B10	HESS GAS STATION #32	357 STATE STREET	NY Spills	Lower	260, 0.049, West
B11	HESS 32276	357 STATE STREET	NY Spills	Lower	260, 0.049, West
B12	HESS STATION #32276	357 STATE STREET	NY UST, NY HIST UST, NY Spills	Lower	260, 0.049, West
C13	375 STATE STREET	375 STATE STREET	US BROWNFIELDS	Lower	320, 0.061, North
C14	SERAFINI TRANSPORTAT	375 STATE ST	RCRA NonGen / NLR, NY MANIFEST	Lower	320, 0.061, North
C15	SPILL NUMBER 9513972	375 STATE ST	NY Spills	Lower	320, 0.061, North
D16		21 ELDREDGE ST	EDR US Hist Auto Stat	Higher	412, 0.078, ENE
E17	PARLOR CITY PAPER BO	2 ELDREDGE ST	NY LTANKS, NY UST, NY HIST UST	Lower	413, 0.078, NW
E18		2 ELDREDGE ST	EDR US Hist Auto Stat	Lower	413, 0.078, NW
F19	KILMER BUILDING	CORNER OF CHENANGO/L	NY Spills	Higher	422, 0.080, SSE
E20		2 1/2 ELDREDGE ST	EDR US Hist Auto Stat	Lower	424, 0.080, NW
E21	BARTHOLOMEW'S CAR CA	2-1/2 ELDREDGE STREE	NY UST, NY AST, NY Spills	Lower	424, 0.080, NW
F22	ROCKWELL COLLINS	31 LEWIS RD	RCRA-CESQG, NY MANIFEST	Higher	432, 0.082, SSW
E23	BARTHOLOMEW SERVICE	STATE STREET	NY Spills	Lower	446, 0.084, WNW
D24	SPILL NUMBER 9705734	15 WAY STREET	NY Spills	Higher	453, 0.086, NE
G25	K. J. ELECTRIC	BINGHAMTON	NY Spills	Lower	470, 0.089, WSW
E26	NYSEG - NOYES ISLAND	ELDREDGE & WATER STS	NY LTANKS	Lower	477, 0.090, NW
H27	ZIEBART	385 STATE ST	NY Spills	Lower	498, 0.094, NNE
G28	FIRESTONE STORE	15 LEWIS ST	NY Spills	Higher	499, 0.095, SW
G29	FIRESTONE COMPLETE A	15 LEWIS ST	NY AST	Higher	499, 0.095, SW
G30		15 LEWIS ST	EDR US Hist Auto Stat	Higher	499, 0.095, SW
H31		387 STATE ST	EDR US Hist Auto Stat	Lower	533, 0.101, NNE
H32	KOST TIRE	387 STATE ST	NY Spills	Lower	533, 0.101, NNE
H33	KOST TIRE / AUTO CAR	387 STATE ST	NY AST	Lower	533, 0.101, NNE
E34	NEW YORK ST ELEC & G	I 15 ELDRIDGE ST	RCRA-SQG, PADS, ICIS, FINDS, NY MANIFEST	Lower	556, 0.105, NW
E35	NOYES ISLAND GARAGE	1-15 ELDREDGE ST	NY Spills	Lower	556, 0.105, NW
E36	NOYES ISLAND GARAGE	1-15 ELDREDGE ST.	NY HIST UST, NY HIST AST	Lower	556, 0.105, NW
H37	128 PROSPECT AVE.	128 PROSPECT AVE	NY Spills	Lower	583, 0.110, NNE
D38	MASTER CLEANING SERV	219 CHENANGO STREET	NY DRYCLEANERS	Higher	617, 0.117, ENE
D39	MASTER CLEANERS	219 CHENANGO ST	RCRA NonGen / NLR, NY MANIFEST	Higher	617, 0.117, ENE

MAPPED SITES SUMMARY

Target Property Address:
1 DEPOT STREET
BINGHAMTON, NY 13901

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	CAMPBELL MASTER CLEA	219 CHENANGO STREET	NY CBS, NY CBS AST	Higher	617, 0.117, ENE
D41		219 CHENANGO ST	EDR US Hist Cleaners	Higher	617, 0.117, ENE
I42	NORFOLK SOUTHERN R.R	WATER STREET	NY Spills	Lower	646, 0.122, West
I43	GLEASON ELECTRIC	330 WATER ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	677, 0.128, West
I44	CONTROL CONCEPTS	328 WATER ST	FTTS, NJ MANIFEST	Lower	678, 0.128, West
I45	CONTROL CONCEPTS & L	328 WATER ST PO BOX	RCRA-CESQG, NY MANIFEST	Lower	678, 0.128, West
J46	BROOME COUNTY - KILM	141 CHENANGO ST	RCRA NonGen / NLR	Higher	680, 0.129, South
K47	CREATIVE BUSINESS CO	350 WATER ST	NY UST, NY HIST UST	Lower	688, 0.130, WNW
K48	PIERSON OFFICE SUPPL	350 WATER ST	NY LTANKS	Lower	688, 0.130, WNW
L49	SHERWIN-WILLIAMS CO	3 LEWIS ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	753, 0.143, SW
J50	ABC HOUSING DEV FUND	100 CHENANGO ST	NY LTANKS, NY UST	Higher	882, 0.167, South
J51	BINGHAMTON U-HAUL	113 CHENANGO ST	NY UST, NY HIST UST	Higher	916, 0.173, South
J52	U-HAUL	113 CHENANGO ST	NY LTANKS	Higher	916, 0.173, South
L53	SUNOCO SERVICE STATI	WASHINGTON & LEWIS S	RCRA NonGen / NLR	Lower	942, 0.178, SW
M54	RED BARREL- CHENANGO	CHENANGO & DOUBLEDAY	NY LTANKS	Higher	997, 0.189, ENE
N55	KWIK FILL STATION	STATE STREET	NY LTANKS	Lower	1016, 0.192, NNE
O56	ALEXANDER PROPERTY	CORN. HENRY & CHENAN	NY LTANKS	Higher	1047, 0.198, South
N57	KWIK FILL A0011-025	4 WEST STATE ST	NY UST, NY HIST UST	Lower	1066, 0.202, NNE
N58	KWIK FILL A011	4 W STATE ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	1066, 0.202, NNE
P59		272 WASHINGTON ST	EDR US Hist Auto Stat	Lower	1129, 0.214, SW
P60	MIDTOWN SUNOCO	272 WASHINGTON ST	NY UST, NY HIST UST, NY Spills	Lower	1129, 0.214, SW
O61	NYSEG KENT BUILDING	87-89 CHENANGO ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	1129, 0.214, South
O62	NYSEG	87-89 CHENANGO STREE	NY MANIFEST	Higher	1129, 0.214, South
Q63		104 HENRY ST	EDR US Hist Auto Stat	Higher	1132, 0.214, SSE
Q64	US POSTAL OFFICE - B	111 HENRY ST	CERC-NFRAP	Higher	1151, 0.218, SSE
Q65	US POSTAL SERVICE	115 HENRY ST	NY AST	Lower	1171, 0.222, SE
Q66	U.S. POSTAL SERVICE	HENRY STREET	RCRA-SQG, PADS, NY MANIFEST	Lower	1171, 0.222, SE
Q67	US POSTAL SERVICE	115 HENRY ST	NY UST	Lower	1171, 0.222, SE
R68		17 E CLINTON ST	EDR US Hist Auto Stat	Lower	1172, 0.222, WSW
R69	RAY'S AUTO SERVICE	17 EAST CLINTON STRE	NY SWF/LF	Lower	1172, 0.222, WSW
O70		76 HENRY ST	EDR US Hist Auto Stat	Higher	1175, 0.223, South
O71	GOODYEAR 1120	72 - 76 HENRY ST	NY AST	Higher	1186, 0.225, South
O72	SPILL NUMBER 9214501	72 HENRY ST	NY LTANKS	Higher	1186, 0.225, South
O73	GOODYEAR TIRE	72-76 HENRY ST	RCRA-CESQG, NY Spills, FINDS, PA MANIFEST, PA...	Higher	1186, 0.225, South
O74		72 HENRY ST	EDR US Hist Auto Stat	Higher	1186, 0.225, South
75	FISHER FUNERAL HOME	CHENANGO ST	NY LTANKS	Higher	1205, 0.228, NE
O76	BINGHAMTON NY LL CEN	64 HENRY ST	RCRA NonGen / NLR, FINDS	Higher	1221, 0.231, South
O77	NEW YORK TELEPHONE C	62-64 HENRY ST	RCRA-CESQG, FINDS, NY MANIFEST	Higher	1230, 0.233, South
O78	NYNEX	62-64 HENRY ST.	NY HIST UST, NY HIST AST	Higher	1230, 0.233, South

MAPPED SITES SUMMARY

Target Property Address:
1 DEPOT STREET
BINGHAMTON, NY 13901

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M79	J A V GAS 4 LESS	266 CHENANGO ST	NY UST, NY HIST UST	Higher	1233, 0.234, NE
P80	FIRST ASSEMBLY OF GO	255 WASHINGTON ST	NY UST	Lower	1247, 0.236, SW
O81	CHENANGO ST. - TANK	65-75 CHENANGO ST	NY LTANKS	Higher	1256, 0.238, South
O82	STRATES REALTY	65-75 CHENANGO ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Higher	1256, 0.238, South
P83		246 WASHINGTON ST	EDR US Hist Auto Stat	Lower	1305, 0.247, SW
P84	BOB CROWE AUTO SERVI	246 WASHINGTON ST	NY AST	Lower	1305, 0.247, SW
85	BINGHAMTON PLAZA	33 WEST STATE STREET	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS,...	Lower	1624, 0.308, NNE
S86	BINGHAMTON TECH CENT	COURT AND CARROL STR	NY LTANKS	Higher	1726, 0.327, SSE
S87	NORTON'S SERVICE	163 COURT ST	NY LTANKS	Higher	1727, 0.327, SSE
88	BINGHAMPTON PSYCH CE	TANK #A75 ROBINSON S	NY LTANKS	Higher	1794, 0.340, ENE
T89	SHELTERED WORKSHOP F	203 COURT ST	NY LTANKS, NY UST	Higher	1812, 0.343, SE
90	WALL STREET	WALL STREET	NY LTANKS	Lower	1849, 0.350, SW
T91	SINGER-LINK	KIRKWOOD IND PARK	NY LTANKS	Lower	1892, 0.358, SE
U92	ONE STOP GROCERIES I	283 - 285 FRONT ST	NY LTANKS, NY UST, NY HIST UST, NY Spills	Lower	1938, 0.367, NW
U93	ONE STOP GAS STATION	283 FRONT STREET	NY LTANKS	Lower	1938, 0.367, NW
T94	SPILL NUMBER 8800508	COURT & STUYVESANT	NY LTANKS	Higher	1959, 0.371, SE
U95	ROOT'S EXPRESS	11 KARLADA DR	NY LTANKS	Lower	2059, 0.390, NW
U96	12 KARLADA DR.	12 KARLADA DR	NY LTANKS	Lower	2071, 0.392, NW
97	AMERADA HESS STATION	341 FRONT ST	NY LTANKS, NY UST, RCRA NonGen / NLR, FINDS, NY...	Lower	2110, 0.400, NNW
98	BROOME CO. LIBRARY	78 EXCHANGE ST	NY LTANKS	Lower	2126, 0.403, South
99	SPILL NUMBER 8601766	351 FRONT STREET	NY LTANKS, NY Spills	Lower	2352, 0.445, North
100	BROOME CO. TRANS. DE	BROOME CO. HAWLEY &	NY LTANKS	Lower	2471, 0.468, SSW
101	LISLE AVE. - AGWAY	LISLE AVE	NY LTANKS	Lower	2515, 0.476, South
102	NYSDEC	8 JACKSON STREET	NY SHWS, NY MANIFEST	Lower	4020, 0.761, SE
103	93 MAIN STREET	93 MAIN STREET	NY SHWS, NY INST CONTROL, NY VCP, NY Spills	Higher	4273, 0.809, WSW
104	NYSDEC : FORMER AMER	48 WALNUT STREET	NY SHWS, NY VAPOR REOPENED, RCRA NonGen / NLR,...	Higher	4526, 0.857, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US POSTAL OFFICE - B	111 HENRY ST	SSE 1/8 - 1/4 (0.218 mi.)	Q64	24

Federal RCRA generators list

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEW YORK ST ELEC & G	***I 15 ELDRIDGE ST***	***NW 0 - 1/8 (0.105 mi.)***	***E34***	***16***
U.S. POSTAL SERVICE	***HENRY STREET***	***SE 1/8 - 1/4 (0.222 mi.)***	***Q66***	***24***

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROCKWELL COLLINS	***31 LEWIS RD***	***SSW 0 - 1/8 (0.082 mi.)***	***F22***	***13***
GOODYEAR TIRE	***72-76 HENRY ST***	***S 1/8 - 1/4 (0.225 mi.)***	***O73***	***26***
NEW YORK TELEPHONE C	***62-64 HENRY ST***	***S 1/8 - 1/4 (0.233 mi.)***	***O77***	***27***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONTROL CONCEPTS & L	***328 WATER ST PO BOX***	***W 1/8 - 1/4 (0.128 mi.)***	***I45***	***19***

State- and tribal - equivalent CERCLIS

NY SHWS: A review of the NY SHWS list, as provided by EDR, and dated 08/17/2015 has revealed that there are 3 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
93 MAIN STREET	***93 MAIN STREET***	***WSW 1/2 - 1 (0.809 mi.)***	***103***	***34***
Site Code: 57887 Class Code: Site is properly closed - requires continued management.				
NYSDEC : FORMER AMER	***48 WALNUT STREET***	***WSW 1/2 - 1 (0.857 mi.)***	***104***	***35***
Site Code: 57883 Class Code: Significant threat to the public health or environment - action required.				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC	***8 JACKSON STREET***	***SE 1/2 - 1 (0.761 mi.)***	***102***	***34***
Site Code: 56301 Class Code: Site is properly closed - requires continued management.				

NY VAPOR REOPENED: A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 11/01/2014 has revealed that there is 1 NY VAPOR REOPENED site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC : FORMER AMER	***48 WALNUT STREET***	***WSW 1/2 - 1 (0.857 mi.)***	***104***	***35***
Facility Status: Complete (Mitigate) Site Code: 704030				

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: A review of the NY SWF/LF list, as provided by EDR, and dated 06/24/2015 has revealed that there is 1 NY SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RAY'S AUTO SERVICE	17 EAST CLINTON STRE	WSW 1/8 - 1/4 (0.222 mi.)	R69	25

State and tribal leaking storage tank lists

NY LTANKS: A review of the NY LTANKS list, as provided by EDR, and dated 08/17/2015 has revealed that there are 27 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ABC HOUSING DEV FUND	***100 CHENANGO ST***	***S 1/8 - 1/4 (0.167 mi.)***	***J50***	***20***

Spill Number/Closed Date: 8608033 / 8/11/1987
Site ID: 194721
Program Number: 8608033

U-HAUL	113 CHENANGO ST	S 1/8 - 1/4 (0.173 mi.)	J52	21
Spill Number/Closed Date: 9007136 / 10/10/1990 Site ID: 246869 Program Number: 9007136				
RED BARREL- CHENANGO	CHENANGO & DOUBLEDAY	ENE 1/8 - 1/4 (0.189 mi.)	M54	21
Spill Number/Closed Date: 9107352 / 1/27/1992 Site ID: 184426 Program Number: 9107352				
ALEXANDER PROPERTY	CORN. HENRY & CHENAN	S 1/8 - 1/4 (0.198 mi.)	O56	21
Spill Number/Closed Date: 0165072 / 10/12/2001 Site ID: 93883 Program Number: 0165072				
SPILL NUMBER 9214501	72 HENRY ST	S 1/8 - 1/4 (0.225 mi.)	O72	26
Spill Number/Closed Date: 9412586 / 11/24/1995 Spill Number/Closed Date: 9214501 / 3/30/1993 Site ID: 224934 Site ID: 67439 Program Number: 9412586 Program Number: 9214501				
FISHER FUNERAL HOME	CHENANGO ST	NE 1/8 - 1/4 (0.228 mi.)	75	27
Spill Number/Closed Date: 9708972 / 12/9/1997 Site ID: 119490 Program Number: 9708972				
CHENANGO ST. - TANK	65-75 CHENANGO ST	S 1/8 - 1/4 (0.238 mi.)	O81	28
Spill Number/Closed Date: 9110362 / 1/3/1992 Site ID: 286045 Program Number: 9110362				
BINGHAMTON TECH CENT	COURT AND CARROL STR	SSE 1/4 - 1/2 (0.327 mi.)	S86	30
Spill Number/Closed Date: 9610346 / 1/28/1998 Site ID: 279726 Program Number: 9610346				
NORTON'S SERVICE	163 COURT ST	SSE 1/4 - 1/2 (0.327 mi.)	S87	30
Spill Number/Closed Date: 9865040 / 10/11/2001 Site ID: 232720 Program Number: 9865040				
BINGHAMPTON PSYCH CE	TANK #A75 ROBINSON S	ENE 1/4 - 1/2 (0.340 mi.)	88	30
Spill Number/Closed Date: 9800908 / 9/1/1998 Site ID: 72553 Program Number: 9800908				
SHELTERED WORKSHOP F	***203 COURT ST***	***SE 1/4 - 1/2 (0.343 mi.)***	***T89***	***30***
Spill Number/Closed Date: 9807375 / 9/21/1998 Site ID: 198476 Program Number: 9807375				
SPILL NUMBER 8800508	COURT & STUYVESANT	SE 1/4 - 1/2 (0.371 mi.)	T94	32
Spill Number/Closed Date: 8800508 / 6/10/1988 Site ID: 75225 Program Number: 8800508				

Lower Elevation	Address	Direction / Distance	Map ID	Page
PARLOR CITY PAPER BO	***2 ELDREDGE ST***	***NW 0 - 1/8 (0.078 mi.)***	***E17***	***11***

Spill Number/Closed Date: 9208903 / 12/5/1996
Site ID: 81275
Program Number: 9208903

NYSEG - NOYES ISLAND	ELDREDGE & WATER STS	NW 0 - 1/8 (0.090 mi.)	E26	14
Spill Number/Closed Date: 9309092 / 4/8/2003 Site ID: 254451 Program Number: 9309092				
PIERSON OFFICE SUPPL	350 WATER ST	WNW 1/8 - 1/4 (0.130 mi.)	K48	19
Spill Number/Closed Date: 9606758 / 10/10/1996 Site ID: 182975 Program Number: 9606758				
KWIK FILL STATION	STATE STREET	NNE 1/8 - 1/4 (0.192 mi.)	N55	21
Spill Number/Closed Date: 9713221 / 2/24/1998 Site ID: 100186 Program Number: 9713221				
WALL STREET	WALL STREET	SW 1/4 - 1/2 (0.350 mi.)	90	31
Spill Number/Closed Date: 8705049 / 4/29/1988 Site ID: 169206 Program Number: 8705049				
SINGER-LINK	KIRKWOOD IND PARK	SE 1/4 - 1/2 (0.358 mi.)	T91	31
Spill Number/Closed Date: 8705056 / 4/29/1988 Site ID: 265831 Program Number: 8705056				
ONE STOP GROCERIES I	***283 - 285 FRONT ST***	***NW 1/4 - 1/2 (0.367 mi.)***	***U92***	***31***
Spill Number/Closed Date: 9104321 / 2/17/1993 Site ID: 290500 Program Number: 9104321				
ONE STOP GAS STATION	283 FRONT STREET	NW 1/4 - 1/2 (0.367 mi.)	U93	32
Spill Number/Closed Date: 0904129 / 7/9/2009 Spill Number/Closed Date: 1202741 / 6/22/2012 Site ID: 416272 Site ID: 465516 Program Number: 0904129 Program Number: 1202741				
ROOT'S EXPRESS	11 KARLADA DR	NW 1/4 - 1/2 (0.390 mi.)	U95	32
Spill Number/Closed Date: 8905583 / 9/8/1989 Site ID: 293708 Program Number: 8905583				
12 KARLADA DR.	12 KARLADA DR	NW 1/4 - 1/2 (0.392 mi.)	U96	32
Spill Number/Closed Date: 9002080 / 4/22/1993 Site ID: 180868 Program Number: 9002080				
AMERADA HESS STATION	***341 FRONT ST***	***NNW 1/4 - 1/2 (0.400 mi.)***	***97***	***33***
Spill Number/Closed Date: 8907329 / 12/1/1989 Spill Number/Closed Date: 8900400 / 10/30/1989 Site ID: 284196 Site ID: 284195 Program Number: 8907329 Program Number: 8900400				
BROOME CO. LIBRARY	78 EXCHANGE ST	S 1/4 - 1/2 (0.403 mi.)	98	33
Spill Number/Closed Date: 9303574 / 1/23/1994				

Site ID: 164749
Program Number: 9303574

SPILL NUMBER 8601766	***351 FRONT STREET***	***N 1/4 - 1/2 (0.445 mi.)***	***99***	***33***
Spill Number/Closed Date: 8601766 / 8/11/1987 Site ID: 288066 Program Number: 8601766				
BROOME CO. TRANS. DE	BROOME CO. HAWLEY &	SSW 1/4 - 1/2 (0.468 mi.)	100	34
Spill Number/Closed Date: 9109984 / 9/26/1995 Site ID: 264344 Program Number: 9109984				
LISLE AVE. - AGWAY	LISLE AVE	S 1/4 - 1/2 (0.476 mi.)	101	34
Spill Number/Closed Date: 9004230 / 7/18/1990 Site ID: 158298 Program Number: 9004230				

State and tribal registered storage tank lists

NY UST: A review of the NY UST list, as provided by EDR, and dated 07/29/2015 has revealed that there are 11 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ABC HOUSING DEV FUND Id/Status:: 7-140597	***100 CHENANGO ST***	***S 1/8 - 1/4 (0.167 mi.)***	***J50***	***20***
BINGHAMTON U-HAUL Id/Status:: 7-020664	***113 CHENANGO ST***	***S 1/8 - 1/4 (0.173 mi.)***	***J51***	***20***
J A V GAS 4 LESS Id/Status:: 7-182788	***266 CHENANGO ST***	***NE 1/8 - 1/4 (0.234 mi.)***	***M79***	***28***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HESS STATION #32276 Id/Status:: 7-301353	***357 STATE STREET***	***W 0 - 1/8 (0.049 mi.)***	***B12***	***10***
PARLOR CITY PAPER BO Id/Status:: 7-428256	***2 ELDREDGE ST***	***NW 0 - 1/8 (0.078 mi.)***	***E17***	***11***
BARTHOLOMEW'S CAR CA Id/Status:: 7-600155 Id/Status:: 7-600384	***2-1/2 ELDREDGE STREE***	***NW 0 - 1/8 (0.080 mi.)***	***E21***	***12***
CREATIVE BUSINESS CO Id/Status:: 7-445541	***350 WATER ST***	***WNW 1/8 - 1/4 (0.130 mi.)***	***K47***	***19***
KWIK FILL A0011-025 Id/Status:: 7-023663	***4 WEST STATE ST***	***NNE 1/8 - 1/4 (0.202 mi.)***	***N57***	***22***
MIDTOWN SUNOCO Id/Status:: 7-180556	***272 WASHINGTON ST***	***SW 1/8 - 1/4 (0.214 mi.)***	***P60***	***23***
US POSTAL SERVICE Id/Status:: 7-263257	115 HENRY ST	SE 1/8 - 1/4 (0.222 mi.)	Q67	25
FIRST ASSEMBLY OF GO	255 WASHINGTON ST	SW 1/8 - 1/4 (0.236 mi.)	P80	28

EXECUTIVE SUMMARY

Id/Status:: 7-423793

NY CBS: A review of the NY CBS list, as provided by EDR, and dated 07/29/2015 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMPBELL MASTER CLEA	***219 CHENANGO STREET***	***ENE 0 - 1/8 (0.117 mi.)***	***D40***	***17***
Facility Status: Unregulated/Closed				
CBS Number: 7-000221				

NY AST: A review of the NY AST list, as provided by EDR, and dated 07/29/2015 has revealed that there are 6 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRESTONE COMPLETE A	15 LEWIS ST	SW 0 - 1/8 (0.095 mi.)	G29	15
Facility Id: 7-600885				
GOODYEAR 1120	72 - 76 HENRY ST	S 1/8 - 1/4 (0.225 mi.)	O71	25
Facility Id: 7-601354				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BARTHOLOMEW'S CAR CA	***2-1/2 ELDREDGE STREE***	***NW 0 - 1/8 (0.080 mi.)***	***E21***	***12***
Facility Id: 7-600155				
Facility Id: 7-600384				
KOST TIRE / AUTO CAR	387 STATE ST	NNE 0 - 1/8 (0.101 mi.)	H33	15
Facility Id: 7-601110				
US POSTAL SERVICE	115 HENRY ST	SE 1/8 - 1/4 (0.222 mi.)	Q65	24
Facility Id: 7-263257				
BOB CROWE AUTO SERVI	246 WASHINGTON ST	SW 1/8 - 1/4 (0.247 mi.)	P84	29
Facility Id: 7-600663				

NY CBS AST: A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMPBELL MASTER CLEA	***219 CHENANGO STREET***	***ENE 0 - 1/8 (0.117 mi.)***	***D40***	***17***
Facility Status: 1				
Facility Status: 1				
CBS Number: 7-000221				

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: A review of the NY ENG CONTROLS list, as provided by EDR, and dated 08/17/2015 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BINGHAMTON PLAZA Site Code: 350714	***33 WEST STATE STREET***	***NNE 1/4 - 1/2 (0.308 mi.)***	***85***	***29***

NY INST CONTROL: A review of the NY INST CONTROL list, as provided by EDR, and dated 08/17/2015 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BINGHAMTON PLAZA Site Code: 350714	***33 WEST STATE STREET***	***NNE 1/4 - 1/2 (0.308 mi.)***	***85***	***29***

State and tribal Brownfields sites

NY BROWNFIELDS: A review of the NY BROWNFIELDS list, as provided by EDR, and dated 08/17/2015 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BINGHAMTON PLAZA Site Code: 350714	***33 WEST STATE STREET***	***NNE 1/4 - 1/2 (0.308 mi.)***	***85***	***29***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/22/2015 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
375 STATE STREET	375 STATE STREET	N 0 - 1/8 (0.061 mi.)	C13	11

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

NY HIST UST: A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BINGHAMTON U-HAUL Facility Status: 2 PBS Number: 7-020664 Tank Status: 3	***113 CHENANGO ST***	***S 1/8 - 1/4 (0.173 mi.)***	***J51***	***20***
NYNEX Facility Status: 1 PBS Number: 7-415030 Tank Status: 6 Tank Status: 3	***62-64 HENRY ST.***	***S 1/8 - 1/4 (0.233 mi.)***	***O78***	***27***
J A V GAS 4 LESS Facility Status: 1 PBS Number: 7-182788 Tank Status: 3	***266 CHENANGO ST***	***NE 1/8 - 1/4 (0.234 mi.)***	***M79***	***28***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HESS STATION #32276 Facility Status: 1 PBS Number: 7-301353 Tank Status: 3	***357 STATE STREET***	***W 0 - 1/8 (0.049 mi.)***	***B12***	***10***
PARLOR CITY PAPER BO Facility Status: 2 PBS Number: 7-428256 Tank Status: 3	***2 ELDREDGE ST***	***NW 0 - 1/8 (0.078 mi.)***	***E17***	***11***
NOYES ISLAND GARAGE Facility Status: 1 PBS Number: 7-033863 Tank Status: 1 Tank Status: 6 Tank Status: 3	***1-15 ELDREDGE ST.***	***NW 0 - 1/8 (0.105 mi.)***	***E36***	***16***
CREATIVE BUSINESS CO Facility Status: 2 PBS Number: 7-445541 Tank Status: 3	***350 WATER ST***	***WNW 1/8 - 1/4 (0.130 mi.)***	***K47***	***19***
KWIK FILL A0011-025 Facility Status: 1 PBS Number: 7-023663 Tank Status: 1	***4 WEST STATE ST***	***NNE 1/8 - 1/4 (0.202 mi.)***	***N57***	***22***
MIDTOWN SUNOCO Facility Status: 2 PBS Number: 7-180556 Tank Status: 3 Tank Status: 1	***272 WASHINGTON ST***	***SW 1/8 - 1/4 (0.214 mi.)***	***P60***	***23***

EXECUTIVE SUMMARY

Records of Emergency Release Reports

NY Spills: A review of the NY Spills list, as provided by EDR, and dated 08/17/2015 has revealed that there are 20 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KILMER BUILDING Spill Number/Closed Date: 0402209 / 6/2/2004 spillno: 0402209 Site ID: 176001	CORNER OF CHENANGO/L	SSE 0 - 1/8 (0.080 mi.)	F19	12
SPILL NUMBER 9705734 Spill Number/Closed Date: 9705734 / 8/29/1997 spillno: 9705734 Site ID: 265944	15 WAY STREET	NE 0 - 1/8 (0.086 mi.)	D24	13
FIRESTONE STORE Spill Number/Closed Date: 0308557 / 9/24/2004 spillno: 0308557 Site ID: 97125	15 LEWIS ST	SW 0 - 1/8 (0.095 mi.)	G28	14

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORFOLK SOUTHERN RAI Spill Number/Closed Date: 0313909 / 6/24/2005 spillno: 0313909 Site ID: 70878	15 DEPOT STREET	0 - 1/8 (0.000 mi.)	A1	8
HESS - STATE ST. Spill Number/Closed Date: 9009431 / 12/6/1990 Spill Number/Closed Date: 9207619 / 10/2/1992 spillno: 9009431 spillno: 9207619 Site ID: 169530 Site ID: 296867	357 STATE STREET	NNW 0 - 1/8 (0.029 mi.)	A4	8
STATE STREET UNDERPA Spill Number/Closed Date: 9710264 / 2/3/1998 spillno: 9710264 Site ID: 177372	LEWIS ROAS X STREET	W 0 - 1/8 (0.030 mi.)	B7	9
ZIEBART Spill Number/Closed Date: 1214669 / 2/12/2013 spillno: 1214669 Site ID: 477923	365 STATE ST	N 0 - 1/8 (0.032 mi.)	C8	9
ZIEBART-RHINOLINING Spill Number/Closed Date: 1215486 / 3/6/2013 spillno: 1215486 Site ID: 478792	365 STATE ST	N 0 - 1/8 (0.032 mi.)	C9	9
HESS GAS STATION #32 Spill Number/Closed Date: 9804101 / 7/6/1998 spillno: 9804101 Site ID: 169531	357 STATE STREET	W 0 - 1/8 (0.049 mi.)	B10	10
HESS 32276 Spill Number/Closed Date: 0212750 / 1/13/2004	357 STATE STREET	W 0 - 1/8 (0.049 mi.)	B11	10

Spill Number/Closed Date: 9611304 / 8/28/1997
spillno: 0212750
spillno: 9611304
Site ID: 212497
Site ID: 212498

HESS STATION #32276	***357 STATE STREET***	***W 0 - 1/8 (0.049 mi.)***	***B12***	***10***
Spill Number/Closed Date: 9814877 / 3/16/1999 spillno: 9814877 Site ID: 212499				
SPILL NUMBER 9513972	375 STATE ST	N 0 - 1/8 (0.061 mi.)	C15	11
Spill Number/Closed Date: 9513972 / 2/29/1996 spillno: 9513972 Site ID: 324577				
BARTHOLOMEW'S CAR CA	***2-1/2 ELDREDGE STREE***	***NW 0 - 1/8 (0.080 mi.)***	***E21***	***12***
Spill Number/Closed Date: 1112652 / 2/23/2012 spillno: 1112652 Site ID: 460600				
BARTHOLOMEW SERVICE	STATE STREET	WNW 0 - 1/8 (0.084 mi.)	E23	13
Spill Number/Closed Date: 9300598 / 8/17/1993 spillno: 9300598 Site ID: 212551				
K. J. ELECTRIC	BINGHAMTON	WSW 0 - 1/8 (0.089 mi.)	G25	14
Spill Number/Closed Date: 8910022 / 1/19/1990 spillno: 8910022 Site ID: 162111				
ZIEBART	385 STATE ST	NNE 0 - 1/8 (0.094 mi.)	H27	14
Spill Number/Closed Date: 1302743 / 10/7/2013 spillno: 1302743 Site ID: 483188				
KOST TIRE	387 STATE ST	NNE 0 - 1/8 (0.101 mi.)	H32	15
Spill Number/Closed Date: 9801335 / 4/30/1998 spillno: 9801335 Site ID: 245052				
NOYES ISLAND GARAGE	1-15 ELDREDGE ST	NW 0 - 1/8 (0.105 mi.)	E35	16
Spill Number/Closed Date: 0013013 / 10/2/2003 Spill Number/Closed Date: 0610162 / 12/7/2006 spillno: 0013013 spillno: 0610162 Site ID: 236911 Site ID: 374547				
128 PROSPECT AVE.	128 PROSPECT AVE	NNE 0 - 1/8 (0.110 mi.)	H37	17
Spill Number/Closed Date: 8907222 / 10/24/1989 spillno: 8907222 Site ID: 136840				
NORFOLK SOUTHERN R.R	WATER STREET	W 0 - 1/8 (0.122 mi.)	I42	18
Spill Number/Closed Date: 9910746 / 12/10/1999 spillno: 9910746 Site ID: 221155				

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/09/2015 has revealed that there are 12 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MASTER CLEANERS	***219 CHENANGO ST***	***ENE 0 - 1/8 (0.117 mi.)***	***D39***	***17***
BROOME COUNTY - KILM	141 CHENANGO ST	S 1/8 - 1/4 (0.129 mi.)	J46	19
NYSEG KENT BUILDING	***87-89 CHENANGO ST***	***S 1/8 - 1/4 (0.214 mi.)***	***O61***	***23***
BINGHAMTON NY LL CEN	***64 HENRY ST***	***S 1/8 - 1/4 (0.231 mi.)***	***O76***	***27***
STRATES REALTY	***65-75 CHENANGO ST***	***S 1/8 - 1/4 (0.238 mi.)***	***O82***	***29***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPEAR ENTERPRISES	***89 PROSPECT AVE***	***N 0 - 1/8 (0.002 mi.)***	***A2***	***8***
HESS CORPORATION	***357 STATE ST***	***NNW 0 - 1/8 (0.029 mi.)***	***A5***	***9***
SERAFINI TRANSPORTAT	***375 STATE ST***	***N 0 - 1/8 (0.061 mi.)***	***C14***	***11***
GLEASON ELECTRIC	***330 WATER ST***	***W 1/8 - 1/4 (0.128 mi.)***	***I43***	***18***
SHERWIN-WILLIAMS CO	***3 LEWIS ST***	***SW 1/8 - 1/4 (0.143 mi.)***	***L49***	***20***
SUNOCO SERVICE STATI	WASHINGTON & LEWIS S	SW 1/8 - 1/4 (0.178 mi.)	L53	21
KWIK FILL A011	***4 W STATE ST***	***NNE 1/8 - 1/4 (0.202 mi.)***	***N58***	***22***

NY DRYCLEANERS: A review of the NY DRYCLEANERS list, as provided by EDR, and dated 07/02/2015 has revealed that there is 1 NY DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MASTER CLEANING SERV Facility Id: 7-0302-00138	219 CHENANGO STREET	ENE 0 - 1/8 (0.117 mi.)	D38	17

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 08/01/2015 has revealed that there are 15 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROCKWELL COLLINS EPA ID: NYR000134858	***31 LEWIS RD***	***SSW 0 - 1/8 (0.082 mi.)***	***F22***	***13***
MASTER CLEANERS EPA ID: NYD013676291	***219 CHENANGO ST***	***ENE 0 - 1/8 (0.117 mi.)***	***D39***	***17***
NYSEG KENT BUILDING EPA ID: NYD987006913	***87-89 CHENANGO ST***	***S 1/8 - 1/4 (0.214 mi.)***	***O61***	***23***
NYSEG EPA ID: NYD000780353	87-89 CHENANGO STREE	S 1/8 - 1/4 (0.214 mi.)	O62	23
GOODYEAR TIRE Generator EPA Id: NYD075820969	***72-76 HENRY ST***	***S 1/8 - 1/4 (0.225 mi.)***	***O73***	***26***
NEW YORK TELEPHONE C	***62-64 HENRY ST***	***S 1/8 - 1/4 (0.233 mi.)***	***O77***	***27***

EPA ID: NYD083277145

STRATES REALTY EPA ID: NYD986995447	***65-75 CHENANGO ST***	***S 1/8 - 1/4 (0.238 mi.)***	***O82***	***29***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HESS CORPORATION EPA ID: NY0001039098	***357 STATE ST***	***NNW 0 - 1/8 (0.029 mi.)***	***A5***	***9***
SERAFINI TRANSPORTAT EPA ID: NYD986888303	***375 STATE ST***	***N 0 - 1/8 (0.061 mi.)***	***C14***	***11***
NEW YORK ST ELEC & G EPA ID: NYD000730028	***I 15 ELDRIDGE ST***	***NW 0 - 1/8 (0.105 mi.)***	***E34***	***16***
GLEASON ELECTRIC EPA ID: NYD987027117	***330 WATER ST***	***W 1/8 - 1/4 (0.128 mi.)***	***I43***	***18***
CONTROL CONCEPTS & L EPA ID: NYD070853080	***328 WATER ST PO BOX***	***W 1/8 - 1/4 (0.128 mi.)***	***I45***	***19***
SHERWIN-WILLIAMS CO EPA ID: NYR000016527	***3 LEWIS ST***	***SW 1/8 - 1/4 (0.143 mi.)***	***L49***	***20***
KWIK FILL A011 EPA ID: NYD986938868	***4 W STATE ST***	***NNE 1/8 - 1/4 (0.202 mi.)***	***N58***	***22***
U.S. POSTAL SERVICE EPA ID: NY0470002049	***HENRY STREET***	***SE 1/8 - 1/4 (0.222 mi.)***	***Q66***	***24***

PA MANIFEST: A review of the PA MANIFEST list, as provided by EDR, and dated 08/01/2015 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOODYEAR TIRE Generator EPA Id: NYD075820969	***72-76 HENRY ST***	***S 1/8 - 1/4 (0.225 mi.)***	***O73***	***26***

NJ MANIFEST: A review of the NJ MANIFEST list, as provided by EDR, and dated 08/01/2015 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONTROL CONCEPTS EPA Id: NYD070853080	***328 WATER ST***	***W 1/8 - 1/4 (0.128 mi.)***	***I44***	***18***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed

that there are 13 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	21 ELDREDGE ST	ENE 0 - 1/8 (0.078 mi.)	D16	11
Not reported	15 LEWIS ST	SW 0 - 1/8 (0.095 mi.)	G30	15
Not reported	104 HENRY ST	SSE 1/8 - 1/4 (0.214 mi.)	Q63	24
Not reported	76 HENRY ST	S 1/8 - 1/4 (0.223 mi.)	O70	25
Not reported	72 HENRY ST	S 1/8 - 1/4 (0.225 mi.)	O74	26

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	339 STATE ST	WNW 0 - 1/8 (0.028 mi.)	A3	8
Not reported	357 STATE ST	NNW 0 - 1/8 (0.029 mi.)	A6	9
Not reported	2 ELDREDGE ST	NW 0 - 1/8 (0.078 mi.)	E18	12
Not reported	2 1/2 ELDREDGE ST	NW 0 - 1/8 (0.080 mi.)	E20	12
Not reported	387 STATE ST	NNE 0 - 1/8 (0.101 mi.)	H31	15
Not reported	272 WASHINGTON ST	SW 1/8 - 1/4 (0.214 mi.)	P59	22
Not reported	17 E CLINTON ST	WSW 1/8 - 1/4 (0.222 mi.)	R68	25
Not reported	246 WASHINGTON ST	SW 1/8 - 1/4 (0.247 mi.)	P83	29

EDR US Hist Cleaners: A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	219 CHENANGO ST	ENE 0 - 1/8 (0.117 mi.)	D41	18

Count: 11 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BINGHAMTON	S104514168	SAVORY ENERGY PRODUCTS	BOX 302 PINE DR		NY LTANKS
BINGHAMTON	S108147044	OLMSTEAD WELL SITE	CHENANGO STREET	13901	NY HSWDS
BINGHAMTON	S104619269	SPILL NUMBER 9512168	COURT STREET		NY LTANKS
BINGHAMTON	S113922022	336 COURT STREET, HANSMANN'S MILLS	336 COURT STREET	13901	NY VCP
BINGHAMTON	S113922039	295-305 COURT STREET (FORMER EBONE	295-305 COURT STREET	13901	NY VCP
BINGHAMTON	S108925308	NYSEG - BINGHAMTON COURT ST. MGP	271-293 COURT STREET	13901	NY SHWS
BINGHAMTON	S106868954	CITY OF BINGHAMTON	HAWLEY STREET	13901	NY LTANKS
BINGHAMTON	1003864274	NYSEG NOYSE ISLAND	JUNCTIO OF ELDRIGE & WATER STR	13901	CERC-NFRAP
BINGHAMTON	S113916724	93 MAIN STREET AREA VAPOR PLUME TR	NORTH OF 93 MAIN STREET AREA	13905	NY SHWS
BROOME COUNTY	S113916671	VESTAL / ENDICOTT DRY CLEANER.	704035 VESTAL / ENDICOTT DRY C		NY SHWS
PORT DICKINSON	S113916786	BINGHAMTON RIFLE RANGE (NEW)	PHELPS STREET	13901	NY SHWS

OVERVIEW MAP - 4425654.2S



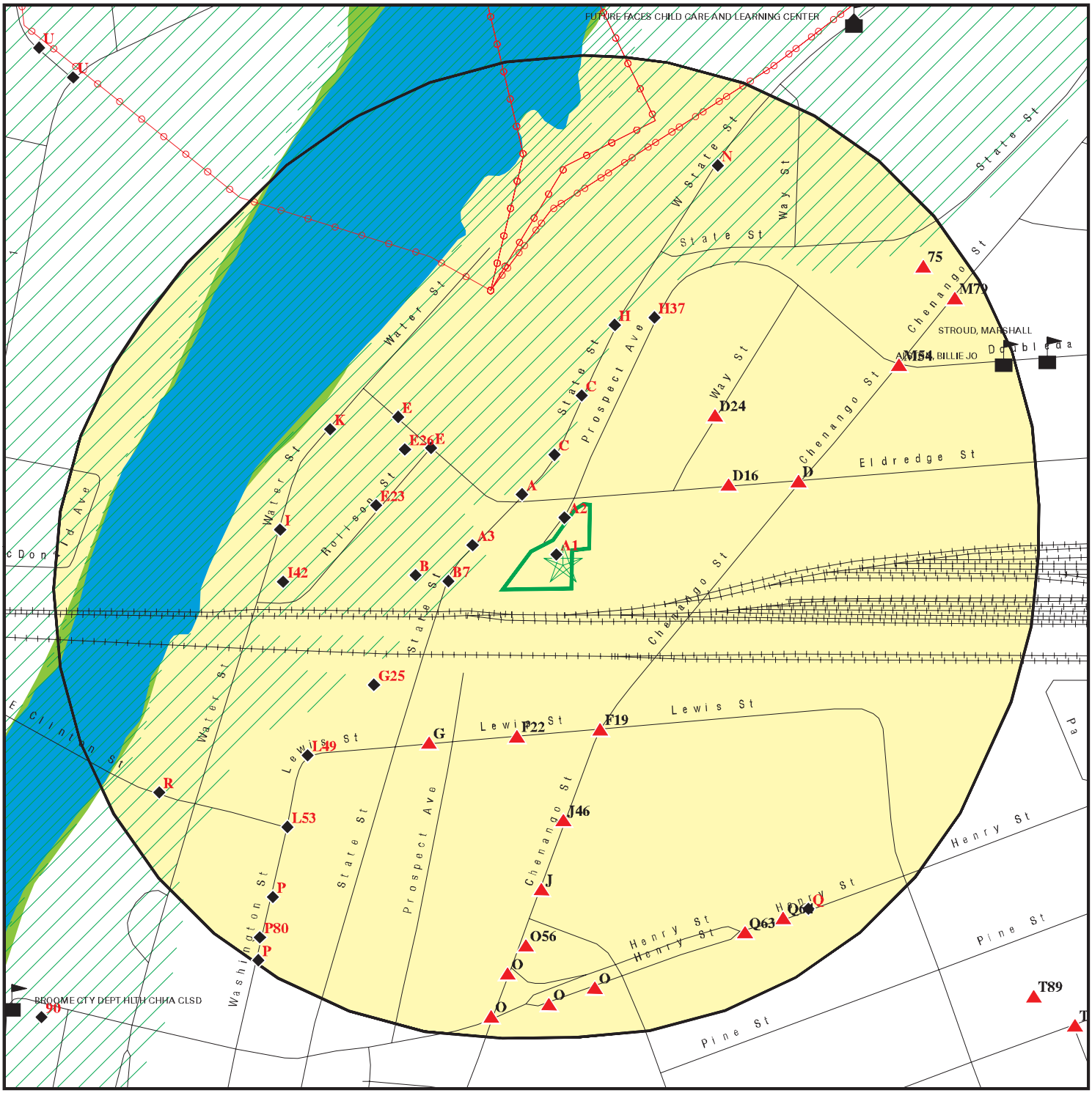
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1 Depot Street	CLIENT: Keystone Associates, Architect
ADDRESS: 1 Depot Street Binghamton NY 13901	CONTACT: Timothy M. Oconnor
LAT/LONG: 42.1045 / 75.9093	INQUIRY #: 4425654.2s DATE: September 30, 2015 3:41 pm

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DETAIL MAP - 4425654.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

0 1/16 1/8 1/4 Miles

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1 Depot Street	CLIENT: Keystone Associates, Architect
ADDRESS: 1 Depot Street Binghamton NY 13901	CONTACT: Timothy M. Oconnor
LAT/LONG: 42.1045 / 75.9093	INQUIRY #: 4425654.2s
	DATE: September 30, 2015 3:42 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-CESQG	0.250		1	3	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	0	3	NR	3
NY VAPOR REOPENED	1.000		0	0	0	1	NR	1
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	1	0	NR	NR	1
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		2	9	16	NR	NR	27
NY HIST LTANKS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		3	8	NR	NR	NR	11
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		1	0	NR	NR	NR	1
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		3	3	NR	NR	NR	6
NY CBS AST	0.250		1	0	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	1	NR	NR	1
NY INST CONTROL	0.500		0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	0	1	NR	NR	1
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		1	0	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		3	6	NR	NR	NR	9
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		20	NR	NR	NR	NR	20
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	8	NR	NR	NR	12
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		5	10	NR	NR	NR	15
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		7	6	NR	NR	NR	13
EDR US Hist Cleaners	0.250		1	0	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	54	58	19	4	0	135

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
< 1/8
1 ft.

NORFOLK SOUTHERN RAILROAD
15 DEPOT STREET
BINGHAMTON, NY

NY Spills **S106384010**
N/A

Relative: Lower

Click here for full text details

NY Spills
Spill Number/Closed Date: 0313909 / 6/24/2005
spillno: 0313909
Site ID: 70878

A2
North
< 1/8
0.002 mi.
11 ft.

SPEAR ENTERPRISES
89 PROSPECT AVE
BINGHAMTON, NY 13901

RCRA NonGen / NLR **1000154213**
FINDS **NYD070853783**

Relative: Lower

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD070853783

FINDS
Registry ID:: 110004366668

A3
WNW
< 1/8
0.028 mi.
149 ft.

339 STATE ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat **1015435341**
N/A

Relative: Lower

Click here for full text details

A4
NNW
< 1/8
0.029 mi.
153 ft.

HESS - STATE ST.
357 STATE STREET
BINGHAMTON, NY

NY Spills **S102166873**
N/A

Relative: Lower

Click here for full text details

NY Spills
Spill Number/Closed Date: 9009431 / 12/6/1990
Spill Number/Closed Date: 9207619 / 10/2/1992
spillno: 9009431
spillno: 9207619
Site ID: 169530
Site ID: 296867

A5
NNW
< 1/8
0.029 mi.
153 ft.

Relative:
Lower

HESS CORPORATION
357 STATE ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR **1004756101**
NY MANIFEST **NY0001039098**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NY0001039098

NY MANIFEST
EPA ID: NY0001039098

A6
NNW
< 1/8
0.029 mi.
153 ft.

Relative:
Lower

357 STATE ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat **1015446702**
N/A

Click here for full text details

B7
West
< 1/8
0.030 mi.
161 ft.

Relative:
Lower

STATE STREET UNDERPASS
LEWIS ROAS X STREET
BINGHAMTON, NY

NY Spills **S102963404**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9710264 / 2/3/1998
spillno: 9710264
Site ID: 177372

C8
North
< 1/8
0.032 mi.
168 ft.

Relative:
Lower

ZIEBART
365 STATE ST
BINGHAMTON, NY

NY Spills **S112809365**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 1214669 / 2/12/2013
spillno: 1214669
Site ID: 477923

C9
North
< 1/8
0.032 mi.
168 ft.

Relative:
Lower

ZIEBART-RHINOLINING
365 STATE ST
BINGHAMTON, NY

NY Spills **S112809951**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 1215486 / 3/6/2013

ZIEBART-RHINOLINING (Continued) **S112809951**

spillno: 1215486
Site ID: 478792

B10
West
< 1/8
0.049 mi.
260 ft.

Relative:
Lower

HESS GAS STATION #32276 **NY Spills** **S104074578**
357 STATE STREET **N/A**
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 9804101 / 7/6/1998
spillno: 9804101
Site ID: 169531

B11
West
< 1/8
0.049 mi.
260 ft.

Relative:
Lower

HESS 32276 **NY Spills** **S103570166**
357 STATE STREET **N/A**
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 0212750 / 1/13/2004
Spill Number/Closed Date: 9611304 / 8/28/1997
spillno: 0212750
spillno: 9611304
Site ID: 212497
Site ID: 212498

B12
West
< 1/8
0.049 mi.
260 ft.

Relative:
Lower

HESS STATION #32276 **NY UST** **U003313459**
357 STATE STREET **NY HIST UST** **N/A**
BINGHAMTON, NY 13902 **NY Spills**

Click here for full text details

NY UST
Id/Status:: 7-301353 / Unregulated/Closed
Id/Status:: 7-301353

NY HIST UST
PBS Number: 7-301353
Tank Status: 3
Facility Status: 1

NY Spills
Spill Number/Closed Date: 9814877 / 3/16/1999
spillno: 9814877
Site ID: 212499

C13
North
< 1/8
0.061 mi.
320 ft.

Relative:
Lower

375 STATE STREET
375 STATE STREET
BINGHAMTON, NY 13901

US BROWNFIELDS **1010375619**
N/A

Click here for full text details

US BROWNFIELDS
ACRES property ID: 34542

C14
North
< 1/8
0.061 mi.
320 ft.

Relative:
Lower

SERAFINI TRANSPORTATION CORP
375 STATE ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR **1000145929**
NY MANIFEST **NYD986888303**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD986888303

NY MANIFEST
EPA ID: NYD986888303

C15
North
< 1/8
0.061 mi.
320 ft.

Relative:
Lower

SPILL NUMBER 9513972
375 STATE ST
BINGHAMTON, NY

NY Spills **S104644614**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9513972 / 2/29/1996
spillno: 9513972
Site ID: 324577

D16
ENE
< 1/8
0.078 mi.
412 ft.

Relative:
Higher

21 ELDREDGE ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat **1015318233**
N/A

Click here for full text details

E17
NW
< 1/8
0.078 mi.
413 ft.

Relative:
Lower

PARLOR CITY PAPER BOX CO., INC.
2 ELDREDGE ST
BINGHAMTON, NY 13902

NY LTANKS **U003313613**
NY UST **N/A**
NY HIST UST

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9208903 / 12/5/1996
Site ID: 81275
Program Number: 9208903

PARLOR CITY PAPER BOX CO., INC. (Continued) **U003313613**

NY UST
Id/Status:: 7-428256 / Unregulated/Closed
Id/Status:: 7-428256

NY HIST UST
PBS Number: 7-428256
Tank Status: 3
Facility Status: 2

E18
NW
< 1/8
0.078 mi.
413 ft.
Relative: Lower

2 ELDREDGE ST **EDR US Hist Auto Stat** **1015299160**
BINGHAMTON, NY 13901 **N/A**

Click here for full text details

F19
SSE
< 1/8
0.080 mi.
422 ft.
Relative: Higher

KILMER BUILDING **NY Spills** **S106469521**
CORNER OF CHENANGO/LEWIS **N/A**
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 0402209 / 6/2/2004
spillno: 0402209
Site ID: 176001

E20
NW
< 1/8
0.080 mi.
424 ft.
Relative: Lower

2 1/2 ELDREDGE ST **EDR US Hist Auto Stat** **1015298932**
BINGHAMTON, NY 13901 **N/A**

Click here for full text details

E21
NW
< 1/8
0.080 mi.
424 ft.
Relative: Lower

BARTHOLOMEW'S CAR CARE CENTER LLC **NY UST** **U001323826**
2-1/2 ELDREDGE STREET **NY AST** **N/A**
BINGHAMTON, NY 13901 **NY Spills**

Click here for full text details

NY UST
Id/Status:: 7-600155 / Inactive
Id/Status:: 7-600155
Id/Status:: 7-600384

NY AST

BARTHOLOMEW'S CAR CARE CENTER LLC (Continued) **U001323826**

Facility Id: 7-600155
Facility Id: 7-600384

NY Spills
Spill Number/Closed Date: 1112652 / 2/23/2012
spillno: 1112652
Site ID: 460600

F22
SSW
< 1/8
0.082 mi.
432 ft.

Relative:
Higher

ROCKWELL COLLINS **RCRA-CESQG** **1008404488**
31 LEWIS RD **NY MANIFEST** **NYR000134858**
BINGHAMTON, NY 13905

Click here for full text details

RCRA-CESQG
EPA Id: NYR000134858

NY MANIFEST
EPA ID: NYR000134858

E23
WNW
< 1/8
0.084 mi.
446 ft.

Relative:
Lower

BARTHOLOMEW SERVICE CENT. **NY Spills** **S102167007**
STATE STREET **N/A**
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 9300598 / 8/17/1993
spillno: 9300598
Site ID: 212551

D24
NE
< 1/8
0.086 mi.
453 ft.

Relative:
Higher

SPILL NUMBER 9705734 **NY Spills** **S104646227**
15 WAY STREET **N/A**
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 9705734 / 8/29/1997
spillno: 9705734
Site ID: 265944

G25
WSW
< 1/8
0.089 mi.
470 ft.

Relative:
Lower

K. J. ELECTRIC
BINGHAMTON
BINGHAMTON, NY

NY Spills | **S102166549**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 8910022 / 1/19/1990
spillno: 8910022
Site ID: 162111

E26
NW
< 1/8
0.090 mi.
477 ft.

Relative:
Lower

NYSEG - NOYES ISLAND
ELDREDGE & WATER STS.
BINGHAMTON, NY

NY LTANKS | **S100781992**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9309092 / 4/8/2003
Site ID: 254451
Program Number: 9309092

H27
NNE
< 1/8
0.094 mi.
498 ft.

Relative:
Lower

ZIEBART
385 STATE ST
BINGHAMTON, NY

NY Spills | **S113817911**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 1302743 / 10/7/2013
spillno: 1302743
Site ID: 483188

G28
SW
< 1/8
0.095 mi.
499 ft.

Relative:
Higher

FIRESTONE STORE
15 LEWIS ST
BINGHAMTON, NY

NY Spills | **S106126440**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0308557 / 9/24/2004
spillno: 0308557
Site ID: 97125

G29
SW
< 1/8
0.095 mi.
499 ft.

Relative:
Higher

FIRESTONE COMPLETE AUTO CARE # 0926
15 LEWIS ST
BINGHAMTON, NY 13901

Click here for full text details

NY AST
Facility Id: 7-600885

NY AST **A100293355**
N/A

G30
SW
< 1/8
0.095 mi.
499 ft.

Relative:
Higher

15 LEWIS ST
BINGHAMTON, NY 13901

Click here for full text details

EDR US Hist Auto Stat **1015235938**
N/A

H31
NNE
< 1/8
0.101 mi.
533 ft.

Relative:
Lower

387 STATE ST
BINGHAMTON, NY 13901

Click here for full text details

EDR US Hist Auto Stat **1015461675**
N/A

H32
NNE
< 1/8
0.101 mi.
533 ft.

Relative:
Lower

KOST TIRE
387 STATE ST
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 9801335 / 4/30/1998
spillno: 9801335
Site ID: 245052

NY Spills **S103273989**
N/A

H33
NNE
< 1/8
0.101 mi.
533 ft.

Relative:
Lower

KOST TIRE / AUTO CARE
387 STATE ST
BINGHAMTON, NY 13901

Click here for full text details

NY AST
Facility Id: 7-601110

NY AST **A100298675**
N/A

E34
NW
< 1/8
0.105 mi.
556 ft.

Relative: Lower

NEW YORK ST ELEC & GAS NOYES
I 15 ELDRIDGE ST
BINGHAMTON, NY 13901

RCRA-SQG
PADS
ICIS
FINDS
NY MANIFEST

1000234698
NYD000730028

Click here for full text details

RCRA-SQG
EPA Id: NYD000730028

PADS
EPAID:: NYD000730028

ICIS
FRS ID:: 110004331152

FINDS
Registry ID:: 110004331152

NY MANIFEST
EPA ID: NYD000730028

E35
NW
< 1/8
0.105 mi.
556 ft.

Relative: Lower

NOYES ISLAND GARAGE - NYSEG
1-15 ELDREDGE ST
BINGHAMTON, NY 13901

NY Spills

S104953335
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0013013 / 10/2/2003
Spill Number/Closed Date: 0610162 / 12/7/2006
spillno: 0013013
spillno: 0610162
Site ID: 236911
Site ID: 374547

E36
NW
< 1/8
0.105 mi.
556 ft.

Relative: Lower

NOYES ISLAND GARAGE
1-15 ELDREDGE ST.
BINGHAMTON, NY 13901

NY HIST UST
NY HIST AST

U003313077
N/A

Click here for full text details

NY HIST UST
PBS Number: 7-033863
Tank Status: 1
Tank Status: 6
Tank Status: 3
Facility Status: 1

NY HIST AST
Tank Status: 1

NOYES ISLAND GARAGE (Continued) **U003313077**

PBS Number: 7-033863

H37
NNE
< 1/8
0.110 mi.
583 ft.

Relative:
Lower

128 PROSPECT AVE. **NY Spills** **S102166486**
128 PROSPECT AVE **N/A**
BINGHAMTON, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 8907222 / 10/24/1989
spillno: 8907222
Site ID: 136840

D38
ENE
< 1/8
0.117 mi.
617 ft.

Relative:
Higher

MASTER CLEANING SERVICE **NY DRYCLEANERS** **1007782058**
219 CHENANGO STREET **N/A**
BINGHAMTON, NY 13901

Click here for full text details

NY DRYCLEANERS
Facility Id: 7-0302-00138

D39
ENE
< 1/8
0.117 mi.
617 ft.

Relative:
Higher

MASTER CLEANERS **RCRA NonGen / NLR** **1000994238**
219 CHENANGO ST **NY MANIFEST** **NYD013676291**
BINGHAMTON, NY 13905

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD013676291

NY MANIFEST
EPA ID: NYD013676291

D40
ENE
< 1/8
0.117 mi.
617 ft.

Relative:
Higher

CAMPBELL MASTER CLEANERS INC **NY CBS** **S102639861**
219 CHENANGO STREET **NY CBS AST** **N/A**
BINGHAMTON, NY 13901

Click here for full text details

NY CBS
Facility Status: Unregulated/Closed
CBS Number: 7-000221

NY CBS AST
Facility Status: IN SERVICE
Facility Status: 1
CBS Number: 7-000221

D41
ENE
< 1/8
0.117 mi.
617 ft.

Relative:
Higher

219 CHENANGO ST
BINGHAMTON, NY 13901

EDR US Hist Cleaners **1015019667**
N/A

Click here for full text details

I42
West
< 1/8
0.122 mi.
646 ft.

Relative:
Lower

NORFOLK SOUTHERN R.R.
WATER STREET
BINGHAMTON, NY

NY Spills **S107409887**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9910746 / 12/10/1999
spillno: 9910746
Site ID: 221155

I43
West
1/8-1/4
0.128 mi.
677 ft.

Relative:
Lower

GLEASON ELECTRIC
330 WATER ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR **1000791206**
FINDS **NYD987027117**
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD987027117

FINDS
Registry ID:: 110004500362

NY MANIFEST
EPA ID: NYD987027117

I44
West
1/8-1/4
0.128 mi.
678 ft.

Relative:
Lower

CONTROL CONCEPTS
328 WATER ST
BINGHAMTON, NY 13902

FTTS **1001477771**
NJ MANIFEST **N/A**

Click here for full text details

NJ MANIFEST
EPA Id: NYD070853080

I45
West
1/8-1/4
0.128 mi.
678 ft.

Relative:
Lower

CONTROL CONCEPTS & LIEBERT CORP
328 WATER ST PO BOX 1380
BINGHAMTON, NY 13902

RCRA-CESQG
NY MANIFEST

1000419941
NYD070853080

Click here for full text details

RCRA-CESQG
EPA Id: NYD070853080

NY MANIFEST
EPA ID: NYD070853080

J46
South
1/8-1/4
0.129 mi.
680 ft.

Relative:
Higher

BROOME COUNTY - KILMER BUILDING
141 CHENANGO ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR

1010415717
NYR000058222

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYR000058222

K47
WNW
1/8-1/4
0.130 mi.
688 ft.

Relative:
Lower

CREATIVE BUSINESS CONCEPTS LTD.
350 WATER ST
BINGHAMTON, NY 13902

NY UST
NY HIST UST

U000388471
N/A

Click here for full text details

NY UST
Id/Status:: 7-445541 / Unregulated/Closed
Id/Status:: 7-445541

NY HIST UST
PBS Number: 7-445541
Tank Status: 3
Facility Status: 2

K48
WNW
1/8-1/4
0.130 mi.
688 ft.

Relative:
Lower

PIERSON OFFICE SUPPLY
350 WATER ST
BINGHAMTON, NY

NY LTANKS

S102399655
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9606758 / 10/10/1996
Site ID: 182975
Program Number: 9606758

L49
SW
1/8-1/4
0.143 mi.
753 ft.

Relative:
Lower

SHERWIN-WILLIAMS CO THE #1106
3 LEWIS ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR
FINDS
NY MANIFEST

1001079945
NYR000016527

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYR000016527

FINDS
Registry ID:: 110004520368

NY MANIFEST
EPA ID: NYR000016527

J50
South
1/8-1/4
0.167 mi.
882 ft.

Relative:
Higher

ABC HOUSING DEV FUND CO INC
100 CHENANGO ST
BINGHAMTON, NY 13904

NY LTANKS
NY UST

U001848633
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 8608033 / 8/11/1987
Site ID: 194721
Program Number: 8608033

NY UST
Id/Status:: 7-140597 / Unregulated/Closed
Id/Status:: 7-140597

J51
South
1/8-1/4
0.173 mi.
916 ft.

Relative:
Higher

BINGHAMTON U-HAUL
113 CHENANGO ST
BINGHAMTON, NY 13903

NY UST
NY HIST UST

U000387052
N/A

Click here for full text details

NY UST
Id/Status:: 7-020664 / Unregulated/Closed
Id/Status:: 7-020664

NY HIST UST
PBS Number: 7-020664
Tank Status: 3
Facility Status: 2

J52
South
1/8-1/4
0.173 mi.
916 ft.

Relative:
Higher

U-HAUL
113 CHENANGO ST
BINGHAMTON, NY

NY LTANKS | **S100158468**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9007136 / 10/10/1990
Site ID: 246869
Program Number: 9007136

L53
SW
1/8-1/4
0.178 mi.
942 ft.

Relative:
Lower

SUNOCO SERVICE STATION
WASHINGTON & LEWIS STS
BINGHAMTON, NY 13901

RCRA NonGen / NLR | **1000329090**
NYD000699116

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD000699116

M54
ENE
1/8-1/4
0.189 mi.
997 ft.

Relative:
Higher

RED BARREL- CHENANGO ST.
CHENANGO & DOUBLEDAY ST
BINGHAMTON, NY

NY LTANKS | **S100153251**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9107352 / 1/27/1992
Site ID: 184426
Program Number: 9107352

N55
NNE
1/8-1/4
0.192 mi.
1016 ft.

Relative:
Lower

KWIK FILL STATION
STATE STREET
BINGHAMTON, NY

NY LTANKS | **S103038504**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9713221 / 2/24/1998
Site ID: 100186
Program Number: 9713221

O56
South
1/8-1/4
0.198 mi.
1047 ft.

Relative:
Higher

ALEXANDER PROPERTY
CORN. HENRY & CHENANGO ST
BINGHAMTON, NY

NY LTANKS | **S105135569**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0165072 / 10/12/2001
Site ID: 93883

ALEXANDER PROPERTY (Continued) **S105135569**

Program Number: 0165072

N57
NNE
1/8-1/4
0.202 mi.
1066 ft.

Relative:
Lower

KWIK FILL A0011-025 **NY UST** **U003313040**
4 WEST STATE ST **NY HIST UST** **N/A**
BINGHAMTON, NY 13905

Click here for full text details

NY UST
Id/Status:: 7-023663 / Active
Id/Status:: 7-023663

NY HIST UST
PBS Number: 7-023663
Tank Status: 1
Facility Status: 1

N58
NNE
1/8-1/4
0.202 mi.
1066 ft.

Relative:
Lower

KWIK FILL A011 **RCRA NonGen / NLR** **1000551544**
4 W STATE ST **FINDS** **NYD986938868**
BINGHAMTON, NY 13905 **NY MANIFEST**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD986938868

FINDS
Registry ID:: 110004460011

NY MANIFEST
EPA ID: NYD986938868

P59
SW
1/8-1/4
0.214 mi.
1129 ft.

Relative:
Lower

EDR US Hist Auto Stat **1015380841**

272 WASHINGTON ST **N/A**
BINGHAMTON, NY 13901

Click here for full text details

P60
SW
1/8-1/4
0.214 mi.
1129 ft.

Relative:
Lower

MIDTOWN SUNOCO
272 WASHINGTON ST
BINGHAMTON, NY 13901

NY UST **U001848696**
NY HIST UST **N/A**
NY Spills

Click here for full text details

NY UST
Id/Status:: 7-180556 / Unregulated/Closed
Id/Status:: 7-180556

NY HIST UST
PBS Number: 7-180556
Tank Status: 3
Tank Status: 1
Facility Status: 2

NY Spills
Spill Number/Closed Date: 0065112 / 1/31/2002
spillno: 0065112
Site ID: 226761

O61
South
1/8-1/4
0.214 mi.
1129 ft.

Relative:
Higher

NYSEG KENT BUILDING
87-89 CHENANGO ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR **1000694379**
FINDS **NYD987006913**
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD987006913

FINDS
Registry ID:: 110004491826

NY MANIFEST
EPA ID: NYD987006913

O62
South
1/8-1/4
0.214 mi.
1129 ft.

Relative:
Higher

NYSEG
87-89 CHENANGO STREET
BINGHAMTON, NY 13902

NY MANIFEST **1009225870**
N/A

Click here for full text details

NY MANIFEST
EPA ID: NYD000780353

Q63
SSE
1/8-1/4
0.214 mi.
1132 ft.

Relative:
Higher

104 HENRY ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat

1015135937
N/A

Click here for full text details

Q64
SSE
1/8-1/4
0.218 mi.
1151 ft.

Relative:
Higher

US POSTAL OFFICE - BINGHAMTON
111 HENRY ST
BINGHAMTON, NY 13902

CERC-NFRAP

1015735559
NY0470002049

Click here for full text details

CERC-NFRAP
Site ID: 0203807
EPA Id: NY0470002049

Q65
SE
1/8-1/4
0.222 mi.
1171 ft.

Relative:
Lower

US POSTAL SERVICE
115 HENRY ST
BINGHAMTON, NY 13902

NY AST

U003080522
N/A

Click here for full text details

NY AST
Facility Id: 7-263257

Q66
SE
1/8-1/4
0.222 mi.
1171 ft.

Relative:
Lower

U.S. POSTAL SERVICE
HENRY STREET
BINGHAMTON, NY 13901

RCRA-SQG
PADS
NY MANIFEST

1015757876
NY0470002049

Click here for full text details

RCRA-SQG
EPA Id: NY0470002049

PADS
EPAID:: NY0470002049

NY MANIFEST
EPA ID: NY0470002049

Q67
SE
1/8-1/4
0.222 mi.
1171 ft.

Relative:
Lower

US POSTAL SERVICE
115 HENRY ST
BINGHAMTON, NY 13902

NY UST **U004064845**
N/A

Click here for full text details

NY UST
Id/Status:: 7-263257 / Active
Id/Status:: 7-263257

R68
WSW
1/8-1/4
0.222 mi.
1172 ft.

Relative:
Lower

17 E CLINTON ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat **1015264947**
N/A

Click here for full text details

R69
WSW
1/8-1/4
0.222 mi.
1172 ft.

Relative:
Lower

RAY'S AUTO SERVICE
17 EAST CLINTON STREET
BINGHAMTON, NY 13904

NY SWF/LF **S108468289**
N/A

Click here for full text details

O70
South
1/8-1/4
0.223 mi.
1175 ft.

Relative:
Higher

76 HENRY ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat **1015627304**
N/A

Click here for full text details

O71
South
1/8-1/4
0.225 mi.
1186 ft.

Relative:
Higher

GOODYEAR 1120
72 - 76 HENRY ST
BINGHAMTON, NY 13901

NY AST **A100350578**
N/A

Click here for full text details

NY AST
Facility Id: 7-601354

O72
South
1/8-1/4
0.225 mi.
1186 ft.

Relative:
Higher

SPILL NUMBER 9214501
72 HENRY ST
BINGHAMTON, NY

NY LTANKS **S104619171**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9412586 / 11/24/1995
Spill Number/Closed Date: 9214501 / 3/30/1993
Site ID: 224934
Site ID: 67439
Program Number: 9412586
Program Number: 9214501

O73
South
1/8-1/4
0.225 mi.
1186 ft.

Relative:
Higher

GOODYEAR TIRE
72-76 HENRY ST
BINGHAMTON, NY 13901

RCRA-CESQG **1000194025**
NY Spills **NYD075820969**
FINDS
NY MANIFEST
PA MANIFEST

Click here for full text details

RCRA-CESQG
EPA Id: NYD075820969

NY Spills
Spill Number/Closed Date: 9000675 / 5/4/1990
spillno: 9000675
Site ID: 96716

FINDS
Registry ID:: 110004368979

NY MANIFEST
EPA ID: NYD075820969

PA MANIFEST
Generator EPA Id: NYD075820969

O74
South
1/8-1/4
0.225 mi.
1186 ft.

Relative:
Higher

72 HENRY ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat **1015614636**
N/A

Click here for full text details

75
NE
1/8-1/4
0.228 mi.
1205 ft.

Relative:
Higher

FISHER FUNERAL HOME
CHENANGO ST
BINGHAMTON, NY

NY LTANKS **S102165569**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9708972 / 12/9/1997
Site ID: 119490
Program Number: 9708972

O76
South
1/8-1/4
0.231 mi.
1221 ft.

Relative:
Higher

BINGHAMTON NY LL CENTRAL OFFICE
64 HENRY ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR **1000234704**
FINDS **NYD980533236**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD980533236

FINDS
Registry ID:: 110004387066

O77
South
1/8-1/4
0.233 mi.
1230 ft.

Relative:
Higher

NEW YORK TELEPHONE CO
62-64 HENRY ST
BINGHAMTON, NY 13901

RCRA-CESQG **1000136923**
FINDS **NYD083277145**
NY MANIFEST

Click here for full text details

RCRA-CESQG
EPA Id: NYD083277145

FINDS
Registry ID:: 110004372312

NY MANIFEST
EPA ID: NYD083277145

O78
South
1/8-1/4
0.233 mi.
1230 ft.

Relative:
Higher

NYNEX
62-64 HENRY ST.
BINGHAMTON, NY 13901

NY HIST UST **U003078064**
NY HIST AST **N/A**

Click here for full text details

NY HIST UST
PBS Number: 7-415030
Tank Status: 6
Tank Status: 3
Tank Status: 1
Facility Status: 1

NYNEX (Continued) **U003078064**

NY HIST AST
Tank Status: 1
PBS Number: 7-415030

M79
NE
1/8-1/4
0.234 mi.
1233 ft.

Relative:
Higher

J A V GAS 4 LESS **NY UST** **U000387829**
266 CHENANGO ST **NY HIST UST** **N/A**
BINGHAMTON, NY 13901

Click here for full text details

NY UST
Id/Status:: 7-182788 / Active
Id/Status:: 7-182788

NY HIST UST
PBS Number: 7-182788
Tank Status: 3
Facility Status: 1

P80
SW
1/8-1/4
0.236 mi.
1247 ft.

Relative:
Lower

FIRST ASSEMBLY OF GOD **NY UST** **U003313508**
255 WASHINGTON ST **N/A**
BINGHAMTON, NY 13901

Click here for full text details

NY UST
Id/Status:: 7-423793 / Unregulated/Closed
Id/Status:: 7-423793

O81
South
1/8-1/4
0.238 mi.
1256 ft.

Relative:
Higher

CHENANGO ST. - TANK REMOV **NY LTANKS** **S104276493**
65-75 CHENANGO ST **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9110362 / 1/3/1992
Site ID: 286045
Program Number: 9110362

O82
South
1/8-1/4
0.238 mi.
1256 ft.

Relative:
Higher

STRATES REALTY
65-75 CHENANGO ST
BINGHAMTON, NY 13901

RCRA NonGen / NLR
FINDS
NY MANIFEST

1000693495
NYD986995447

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD986995447

FINDS
Registry ID:: 110004487190

NY MANIFEST
EPA ID: NYD986995447

P83
SW
1/8-1/4
0.247 mi.
1305 ft.

Relative:
Lower

246 WASHINGTON ST
BINGHAMTON, NY 13901

EDR US Hist Auto Stat

1015359619
N/A

Click here for full text details

P84
SW
1/8-1/4
0.247 mi.
1305 ft.

Relative:
Lower

BOB CROWE AUTO SERVICE
246 WASHINGTON ST
BINGHAMTON, NY 13901

NY AST

A100139156
N/A

Click here for full text details

NY AST
Facility Id: 7-600663

85
NNE
1/4-1/2
0.308 mi.
1624 ft.

Relative:
Lower

BINGHAMTON PLAZA
33 WEST STATE STREET
BINGHAMTON, NY 13901

NY ENG CONTROLS
NY INST CONTROL
NY BROWNFIELDS
NY Spills

S106017651
N/A

Click here for full text details

NY ENG CONTROLS
Site Code: 350714

NY INST CONTROL
Site Code: 350714

NY BROWNFIELDS
Site Code: 350714

NY Spills

BINGHAMTON PLAZA (Continued) **S106017651**

Spill Number/Closed Date: 0305768 / 8/29/2003
spillno: 0305768
Site ID: 171718

S86
SSE
1/4-1/2
0.327 mi.
1726 ft.

Relative: Higher

BINGHAMTON TECH CENTER **NY LTANKS** **S102666516**
COURT AND CARROL STREETS **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9610346 / 1/28/1998
Site ID: 279726
Program Number: 9610346

S87
SSE
1/4-1/2
0.327 mi.
1727 ft.

Relative: Higher

NORTON'S SERVICE **NY LTANKS** **S103557963**
163 COURT ST **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9865040 / 10/11/2001
Site ID: 232720
Program Number: 9865040

88
ENE
1/4-1/2
0.340 mi.
1794 ft.

Relative: Higher

BINGHAMPTON PSYCH CENTER **NY LTANKS** **S103238731**
TANK #A75 ROBINSON ST **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9800908 / 9/1/1998
Site ID: 72553
Program Number: 9800908

T89
SE
1/4-1/2
0.343 mi.
1812 ft.

Relative: Higher

SHELTERED WORKSHOP FOR THE DISABLED, INC. **NY LTANKS** **U003313332**
203 COURT ST **NY UST** **N/A**
BINGHAMTON, NY 13902

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9807375 / 9/21/1998
Site ID: 198476
Program Number: 9807375

NY UST

SHELTERED WORKSHOP FOR THE DISABLED, INC. (Continued) **U003313332**

Id/Status:: 7-380539 / Unregulated/Closed
Id/Status:: 7-380539

90
SW
1/4-1/2
0.350 mi.
1849 ft.

Relative:
Lower

WALL STREET **NY LTANKS** **S100129169**
WALL STREET **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 8705049 / 4/29/1988
Site ID: 169206
Program Number: 8705049

T91
SE
1/4-1/2
0.358 mi.
1892 ft.

Relative:
Lower

SINGER-LINK **NY LTANKS** **S100129170**
KIRKWOOD IND PARK **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 8705056 / 4/29/1988
Site ID: 265831
Program Number: 8705056

U92
NW
1/4-1/2
0.367 mi.
1938 ft.

Relative:
Lower

ONE STOP GROCERIES INC **NY LTANKS** **U001849400**
283 - 285 FRONT ST **NY UST** **N/A**
BINGHAMTON, NY 13905 **NY HIST UST**
NY Spills

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9104321 / 2/17/1993
Site ID: 290500
Program Number: 9104321

NY UST
Id/Status:: 7-491438 / Active
Id/Status:: 7-491438

NY HIST UST
PBS Number: 7-491438
Tank Status: 3
Facility Status: 1

NY Spills
Spill Number/Closed Date: 0903855 / Not Reported
spillno: 0903855
Site ID: 415986

U93
NW
1/4-1/2
0.367 mi.
1938 ft.

Relative:
Lower

ONE STOP GAS STATION — **NY LTANKS** — **S109829661**
283 FRONT STREET — **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0904129 / 7/9/2009
Spill Number/Closed Date: 1202741 / 6/22/2012
Site ID: 416272
Site ID: 465516
Program Number: 0904129
Program Number: 1202741

T94
SE
1/4-1/2
0.371 mi.
1959 ft.

Relative:
Higher

SPILL NUMBER 8800508 — **NY LTANKS** — **S105054335**
COURT & STUYVESANT — **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 8800508 / 6/10/1988
Site ID: 75225
Program Number: 8800508

U95
NW
1/4-1/2
0.390 mi.
2059 ft.

Relative:
Lower

ROOT'S EXPRESS — **NY LTANKS** — **S104074520**
11 KARLADA DR — **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 8905583 / 9/8/1989
Site ID: 293708
Program Number: 8905583

U96
NW
1/4-1/2
0.392 mi.
2071 ft.

Relative:
Lower

12 KARLADA DR. — **NY LTANKS** — **S100130129**
12 KARLADA DR — **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9002080 / 4/22/1993
Site ID: 180868
Program Number: 9002080

97
NNW
1/4-1/2
0.400 mi.
2110 ft.

Relative:
Lower

AMERADA HESS STATION 32440
341 FRONT ST
BINGHAMTON, NY 13902

NY LTANKS
NY UST
RCRA NonGen / NLR
FINDS
NY MANIFEST

1000553267
NYD986956829

Click here for full text details

NY LTANKS

Spill Number/Closed Date: 8907329 / 12/1/1989
Spill Number/Closed Date: 8900400 / 10/30/1989
Site ID: 284196
Site ID: 284195
Program Number: 8907329
Program Number: 8900400

NY UST

Id/Status:: 7-491128 / Unregulated/Closed
Id/Status:: 7-491128

RCRA NonGen / NLR

EPA Id: NYD986956829

FINDS

Registry ID:: 110004469094

NY MANIFEST

EPA ID: NYD986956829

98
South
1/4-1/2
0.403 mi.
2126 ft.

Relative:
Lower

BROOME CO. LIBRARY
78 EXCHANGE ST
BINGHAMTON, NY

NY LTANKS

S104074538
N/A

Click here for full text details

NY LTANKS

Spill Number/Closed Date: 9303574 / 1/23/1994
Site ID: 164749
Program Number: 9303574

99
North
1/4-1/2
0.445 mi.
2352 ft.

Relative:
Lower

SPILL NUMBER 8601766
351 FRONT STREET
BINGHAMTON, NY

NY LTANKS
NY Spills

S104619135
N/A

Click here for full text details

NY LTANKS

Spill Number/Closed Date: 8601766 / 8/11/1987
Site ID: 288066
Program Number: 8601766

NY Spills

SPILL NUMBER 8601766 (Continued) **S104619135**

Spill Number/Closed Date: 1406357 / 9/17/2014
spillno: 1406357
Site ID: 499822

100
SSW
1/4-1/2
0.468 mi.
2471 ft.

Relative:
Lower

BROOME CO. TRANS. DEPT **NY LTANKS** **S100177728**
BROOME CO. HAWLEY & EXCH **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9109984 / 9/26/1995
Site ID: 264344
Program Number: 9109984

101
South
1/4-1/2
0.476 mi.
2515 ft.

Relative:
Lower

LISLE AVE. - AGWAY **NY LTANKS** **S102677827**
LISLE AVE **N/A**
BINGHAMTON, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9004230 / 7/18/1990
Site ID: 158298
Program Number: 9004230

102
SE
1/2-1
0.761 mi.
4020 ft.

Relative:
Lower

NYSDEC **NY SHWS** **S100116032**
8 JACKSON STREET **NY MANIFEST** **N/A**
BINGHAMTON, NY 13903

Click here for full text details

NY SHWS
Site Code: 56301
Class Code: Site is properly closed - requires continued management.

NY MANIFEST
EPA ID: NYP003600947

103
WSW
1/2-1
0.809 mi.
4273 ft.

Relative:
Higher

93 MAIN STREET **NY SHWS** **S104649775**
93 MAIN STREET **NY INST CONTROL** **N/A**
BINGHAMTON, NY 13905 **NY VCP**
NY Spills

Click here for full text details

NY SHWS
Site Code: 57887
Class Code: Site is properly closed - requires continued management.

NY INST CONTROL

93 MAIN STREET (Continued) **S104649775**

Site Code: 57887

NY VCP
Site Code: 56780

NY Spills
Spill Number/Closed Date: 9965085 / 3/25/2002
spillno: 9965085
Site ID: 318470

104
WSW
1/2-1
0.857 mi.
4526 ft.

Relative:
Higher

NYSDEC : FORMER AMERICAN CLEANERS **NY SHWS** **1000358788**
48 WALNUT STREET **NY VAPOR REOPENED** **NYD981079734**
BINGHAMTON, NY 13905 **RCRA NonGen / NLR**
FINDS
NY MANIFEST

Click here for full text details

NY SHWS
Site Code: 57883
Class Code: Significant threat to the public health or environment - action required.

NY VAPOR REOPENED
Site Code: 704030
Facility Status: Complete (Mitigate)

RCRA NonGen / NLR
EPA Id: NYD981079734

FINDS
Registry ID:: 110004395388

NY MANIFEST
EPA ID: NYD981079734

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United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Broome County, New York



October 2, 2015

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (http://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil scientists classified and named the soils in the survey area, they compared the

individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:588 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 25 50 100 150

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Broome County, New York
Survey Area Data: Version 12, Sep 13, 2014

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 10, 2011—Oct 8, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Broome County, New York (NY007)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Cv	Cut and fill lands, gravelly materials	0.7	100.0%
Totals for Area of Interest		**0.7**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Broome County, New York

Cv—Cut and fill lands, gravelly materials

Map Unit Setting

National map unit symbol: 9pxd
Mean annual precipitation: 36 to 45 inches
Mean annual air temperature: 43 to 48 degrees F
Frost-free period: 110 to 180 days
Farmland classification: Not prime farmland

Map Unit Composition

Udorthents, gravelly, and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udorthents, Gravelly

Typical profile

H1 - 0 to 4 inches: very gravelly silt loam
H2 - 4 to 70 inches: very gravelly sandy loam

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to very high (0.20 to 19.98 in/hr)
Depth to water table: About 36 to 72 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Available water storage in profile: Low (about 4.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A

Minor Components

Howard

Percent of map unit: 5 percent

Udifluvents

Percent of map unit: 5 percent

Udorthents, loamy

Percent of map unit: 5 percent

Chenango

Percent of map unit: 5 percent

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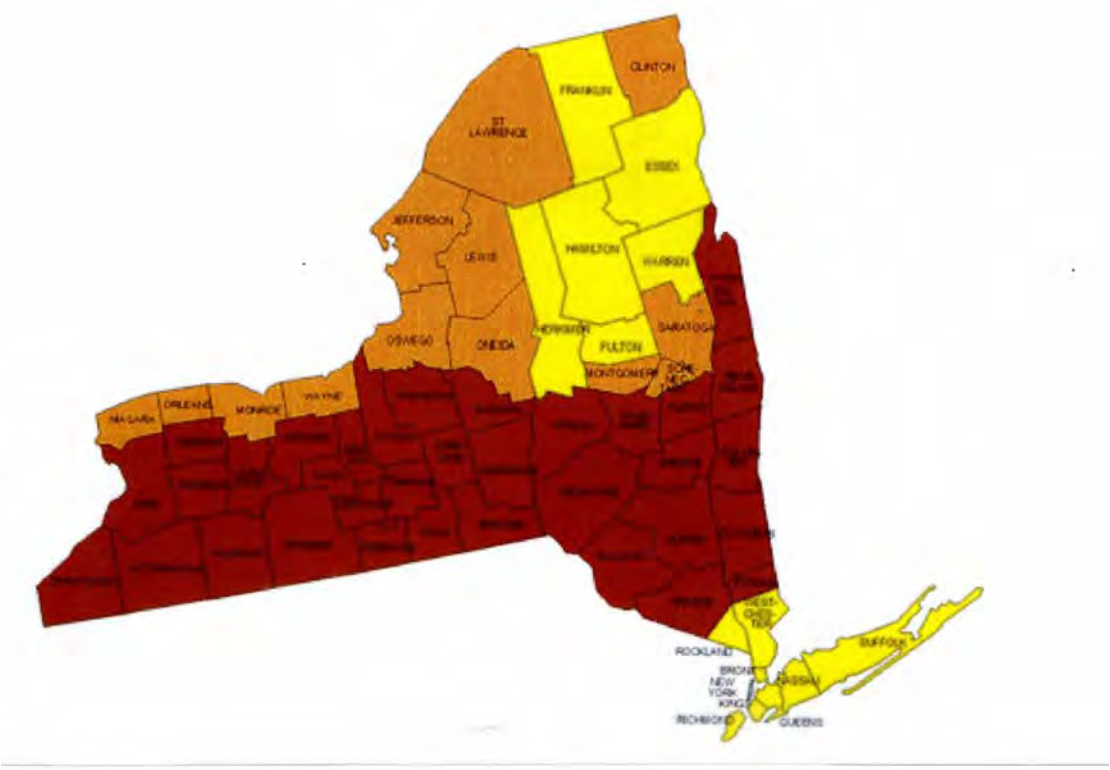
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What do the colors mean?

	Zone 1 counties have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter) **(red zones)**	**Highest Potential**
	Zone 2 counties have a predicted average indoor radon screening level between 2 and 4 pCi/L **(orange zones)**	**Moderate Potential**
	Zone 3 counties have a predicted average indoor radon screening level less than 2 pCi/L **(yellow zones)**	**Low Potential**

KEYSTONE ASSOCIATES
ARCHITECTS • ENGINEERS • SURVEYORS, LLC

KEYSTONE PROJECT NO. 2406.18815

1 Depot Street
City of Binghamton, Broome County, New York

USEPA Map of Radon Zones

APPENDIX F
PVE ENGINEERING PHASE II ESA

July 12, 2024

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

Re: **Phase II Environmental Site Assessment**; 1 North Depot Street, City of Binghamton, Broome County, New York 13901
Tax ID #160.25-2-20.2 (Approx. 0.63 acres with 51,000 sq. ft. structure)
PVE File #20240228

Dear Mr. Regan:

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) has completed the Phase II Environmental Site Assessment (ESA) in accordance with our approved scope of work, dated May 21, 2024, for the above referenced property (Figures 1 & 2). Below is a summary of field activities, analytical data, and conclusions/recommendations.

1.0 INTRODUCTION

PVE reviewed a Phase I ESA prepared by Keystone Associates (KA) for the subject property dated October 5, 2015. KA identified no Recognized Environmental Conditions (RECs) in their ESA; PVE does not agree with this conclusion. Historic Sanborn Fire Insurance Maps identified the following items/uses on-site: A buried gasoline tank associated with a trucking terminal, tin works/machine shop, a bluing (steel works) factory and ironworks. The review also identified the following historic uses on adjoining and nearby properties: railroad and turn table, Troy Chemical Company, and a cigar factory.

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 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 4, 2024; sample locations were adjusted accordingly. No anomalies indicative of buried tanks were observed during this screening.

2.2 Soil Borings and Sample Collection

On June 4 and June 5, 2024, PVE completed a total of ten (10) soil borings throughout the subject property (Figure 3). The 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) soil sample from each of the soil borings for a total of ten (10) soil samples; soil samples collected from soil boring locations SB-1, SB-3 and SB-7 were placed on hold. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Target Compound List (TCL) VOCs via United States Environmental Protection Agency (USEPA) Method 8260;
- Commissioner Policy-51 (CP-51) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- RCRA Metals via USEPA Method 6010/7473; &
- Polychlorinated Biphenyls (PCBs) via USEPA Method 8082 (2 samples).

Soil borings are summarized below:

Boring SB-1 was advanced to 16.3 feet bgs; where refusal was encountered. Soil consisted of brown/dark brown fine, medium sand, some silt, some gravel, some cobble. Groundwater was not encountered at the time of drilling (ATD). No elevated PID readings were observed. One (1) soil sample was collected from 14.0-16.0 feet bgs for laboratory analysis.

Boring SB-2 was advanced to 13.8 feet bgs; where refusal was encountered. Soil consisted of brown/dark brown fine, medium sand, some silt, with gravel, some cobble. 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-3 was advanced to 19.8 feet bgs; where refusal was encountered. Soil consisted of brown/light brown fine, medium sand, some silt, some gravel, little cobble. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 6.0-8.0 feet bgs for laboratory analysis.

Boring SB-4 was advanced via to 18.2 feet bgs; where refusal was encountered. Soil consisted of dark brown and light gray fine, medium and coarse sand, some silt, some gravel, and fill. Fill material consisted of slag. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-3.5 feet bgs for laboratory analysis.

Boring SB-5 was advanced to 13.6 feet bgs; where refusal was encountered. Soil consisted of dark brown and light gray fine, medium and coarse sand, some silt, some gravel, and fill. Fill material consisted of ash, slag and little brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-3.0 feet bgs for laboratory analysis.

Boring SB-6 was advanced to 16.8 feet bgs; where refusal was encountered. Soil consisted of dark brown and light gray fine, medium and coarse sand, some silt, some gravel, and fill. Fill material consisted of glass, tile and coal fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-3.0 feet bgs for laboratory analysis.

Boring SB-7 was advanced to 20.0 feet bgs; where refusal was encountered. Soil consisted of brown fine and medium sand, some silt, some gravel, with cobble. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 7.0-9.0 feet bgs for laboratory analysis.

Boring SB-8 was advanced to 24.0 feet bgs. Soil consisted of dark brown/black fine sand, with silt, and fill. Fill material consisted of little brick fragments and crushed coal. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.5-3.5 feet bgs for laboratory analysis.

Boring SB-9 was advanced to 17.2 feet bgs; where refusal was encountered. Soil consisted of dark brown/black fine sand, with silt, and fill. Fill material consisted of little brick fragments and crushed coal. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 2.0-2.5 feet bgs for laboratory analysis.

Boring SB-10 was advanced to 13.8 feet bgs; where refusal was encountered. Soil consisted of brown/dark brown fine and medium sand, some silt, with gravel and cobble, and fill. Fill material consisted of little brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-3.0 feet bgs for laboratory analysis.

Shallow refusal was encountered in three (3) soil borings from depths ranging from 13.6-13.8 feet. Groundwater was not encountered in any of the ten (10) soil borings. Fill was observed in five (5) soil borings at depths ranging from 0.5 to 3.5 feet bgs.

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

2.3 Vapor Sampling

On June 4, 2024, a total of four (4) soil vapor samples were collected from exterior locations surrounding the on-site structure. On June 5, 2024, a total of two (2) sub-slab soil vapor samples were collected in the basement of the on-site structure. Exterior vapor probes were installed via a track-mounted Geoprobe unit to a depth of 5-feet below grade surface. Probed 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. PVE installed interior temporary vapor probes using a hammer drill with 5/8-inch drill bit. Interior probes were sealed with non-VOC emitting clay. All 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 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 and soil vapor sample results are summarized in Tables 1-4, and 5, respectively. Analytical reports are attached.

3.1 Soil Samples

Analytical results from soil samples are summarized in Table 1-4 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 was detected in one (1) of the seven (7) soil samples collected and analyzed. No VOCs were detected at concentrations exceeding UUSCOs or RRSCOS.

3.1.2 SVOCs

SVOCs were detected in all seven (7) soil samples collected and analyzed. SVOCs were detected in two (2) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-2 (0.5-2-feet)
  - **Benzo(A)Anthracene (1.4 mg/kg)**
  - **Benzo(A)Pyrene (1.1 mg/kg)**
  - **Benzo(B)Fluoranthene (1.1 mg/kg)**
  - Benzo(K)Fluoranthene (1.1 mg/kg)
  - Chrysene (1.5 mg/kg)
  - **Indeno(1,2,3-C,D)Pyrene (0.7 mg/kg)**

- SB-4 (2-3.5-feet)
  - **Dibenzo(A,H)Anthracene (0.42 mg/kg)**

Bold font indicates RRSCO exceedance.

3.1.3 Metals

Metals were detected in all seven (7) soil samples collected and analyzed. Metals were detected in five (5) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs. Exceedances are defined below:

- SB-4 (2-3.5-feet)
  - **Lead (986 mg/kg)**
  - **Mercury (0.874 mg/kg)**

- SB-5 (2-3-feet)
  - Lead (344 mg/kg)
  - **Mercury (0.831 mg/kg)**

- SB-6 (0.5-3-feet)
  - Lead (202 mg/kg)
  - **Mercury (1.27 mg/kg)**

- SB-8 (2.5-3.5-feet)
  - Lead (63.5 mg/kg)
  - Mercury (0.259 mg/kg)

- SB-9 (2-2.5-feet)
  - Mercury (0.223 mg/kg)

Bold font indicates RRSCO exceedance.

3.1.4 PCBs

PCBs were not detected in any of the two (2) soil samples collected and analyzed.

3.2 Vapor Samples

Analytical results from soil vapor samples are summarized in Table 5 and compared to NYSDOH Decision Matrices as defined in *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and subsequent amendments)*. 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-Trimethlybenzene; 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:

- SV-1
  - 1,2,4-Trimethylbenzene (24 µg/m^3)
  - 1,3,5-Trimethylbenzene (5.6 µg/m^3)
  - 2,2,4-Trimethylpentane (2.26 µg/m^3)
  - Benzene (3.9 µg/m^3)
  - Cyclohexane (4.4 µg/m^3)
  - Ethylbenzene (41 µg/m^3)
  - m,p-Xylene (45 µg/m^3)
  - N-Heptane (6.4 µg/m^3)
  - N-Hexane (10 µg/m^3)
  - O-Xylene (1,2-Dimethylbenzene) (18 µg/m^3)
  - PCE (27 µg/m^3)
  - Toluene (32 µg/m^3)

- SV-2
  - 1,2,4-Trimethylbenzene (35 µg/m^3)
  - 1,3,5-Trimethylbenzene (7.8 µg/m^3)
  - 2,2,4-Trimethylpentane (3.71 µg/m^3)
  - Benzene (8.1 µg/m^3)
  - Carbon Tetrachloride (7.4 µg/m^3)
  - Cyclohexane (15 µg/m^3)
  - Ethylbenzene (54 µg/m^3)
  - m,p-Xylene (62 µg/m^3)
  - N-Heptane (28 µg/m^3)
  - N-Hexane (46 µg/m^3)
  - O-Xylene (25 µg/m^3)
  - PCE (17 µg/m^3)
  - Toluene (47 µg/m^3)

  - TCE (0.51 µg/m^3)
  - Vinyl Chloride (0.49 µg/m^3)

- SV-3
  - 1,2,4-Trimethylbenzene (36 µg/m^3)
  - 1,3,5-Trimethylbenzene (8.7 µg/m^3)
  - 2,2,4-Trimethylpentane (4.52 µg/m^3)
  - Benzene (17 µg/m^3)
  - Cis-1,2-Dichloroethylene (4.5 µg/m^3)
  - Cyclohexane (8.9 µg/m^3)
  - Ethylbenzene (66 µg/m^3)
  - m,p-Xylene (73 µg/m^3)
  - N-Heptane (28 µg/m^3)
  - N-Hexane (39 µg/m^3)
  - O-Xylene (27 µg/m^3)
  - PCE (4,900 µg/m^3)
  - Toluene (58 µg/m^3)
  - TCE (100 µg/m^3)

- SV-4
  - 1,2,4-Trimethylbenzene (36 µg/m^3)
  - 1,3,5-Trimethylbenzene (8.2 µg/m^3)
  - 2,2,4-Trimethylpentane (4.95 µg/m^3)
  - Benzene (390 µg/m^3)
  - Cis-1,2-Dichloroethylene (2.4 µg/m^3)
  - Cyclohexane (9.9 µg/m^3)
  - Ethylbenzene (66 µg/m^3)
  - m,p-Xylene (72 µg/m^3)
  - N-Heptane (22 µg/m^3)
  - N-Hexane (35 µg/m^3)
  - O-Xylene (28 µg/m^3)
  - PCE (1,800 µg/m^3)
  - Toluene (110 µg/m^3)

- SSV-1
  - TCA (7.8 µg/m^3)
  - 1,2,4-Trimethylbenzene (7.7 µg/m^3)
  - cis-1,2-Dichloroethylene (83 µg/m^3)
  - Ethylbenzene (9.3 µg/m^3)
  - N-Heptane (7 µg/m^3)
  - N-Hexane (8.5 µg/m^3)
  - PCE (7,400 µg/m^3)
  - Toluene (8 µg/m^3)
  - TCE (220 µg/m^3)

- SSV-2
  - 1,2,4-Trimethylbenzene (9 µg/m^3)

- 2,2,4-Trimethylpentane (1.38 µg/m^3)
- Benzene (3 µg/m^3)
- Cis-1,2-Dichloroethylene (1.6 µg/m^3)
- Cyclohexane (2.6 µg/m^3)
- Ethylbenzene (11 µg/m^3)
- m,p-Xylene (14 µg/m^3)
- N-Heptane (5.8 µg/m^3)
- N-Hexane (6.7 µg/m^3)
- O-Xylene (6.2 µg/m^3)
- PCE (890 µg/m^3)
- Toluene (10 µg/m^3)
- TCE (33 µg/m^3)

Chlorinated VOCs and petroleum related VOCs were detected in soil vapor samples at concentrations potentially warranting mitigation. Based on the concentration of the NYSDOH regulated compound detected in the soil vapor, the following actions may be required:

- SV-1
  - **No further action**

- SV-2
  - **Monitor**

- SV-3
  - **Mitigate**

- SV-4
  - **Mitigate**

- SSV-1
  - **Mitigate**

- SSV-2
  - **Monitor**

A co-located ambient indoor air sample would be required to confirm the NYSDOH recommended action at each location. However, given the deteriorated condition of the structure and potential for influence/dilution from outdoor ambient air, no indoor ambient air samples were collected.

4.0 DISCUSSION and CONCLUSIONS

4.1 Soil

1. Ten (10) soil borings were installed throughout the subject property. One (1) soil sample was collected from each of the ten (10) soil borings for laboratory analysis; soil boring locations SB-1, SB-3 and SB-7 were placed on hold pending client authorization.
2. VOCs were detected in one (1) of the seven (7) soil samples at concentrations below UUSCOs.

3. SVOCs were detected in two (2) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
4. Metals were detected in five (5) of the seven (7) soil samples at concentrations exceeding both UUSCOs and RRSCOs.
5. PCBs were not detected in any of the two (2) soil samples collected and analyzed.

4.2 Vapor

1. A total of four (4) soil vapor samples were collected throughout the exterior of the subject property; a total of two (2) sub-slab soil vapor samples were collected in the basement of the structure on the subject property.
2. Chlorinated VOCs and petroleum related VOCs were detected in soil vapor and sub-slab vapor samples at concentrations warranting additional actions according to NYSDOH Guidance.

5.0 RECOMMENDATIONS

1. SVOCs and metals were detected in soil samples at concentrations indicative of impacts to soils from past site operations (use as a trucking terminal, tin works/machine shop/a blueing factory and ironworks). Historic fill is present throughout the subject property.
    a. Four (4) of the seven (7) samples analyzed at the laboratory contained contaminants at concentrations exceeding the intended use criteria (RRSCOs). These concentrations are consistent with historical fill. The presence of this fill and contaminants exceeding the intended use criteria elsewhere on site is likely.
    b. 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.
    c. Unconsolidated materials (below surface cover) throughout the subject property contained urban fill (wood and brick fragments). Should the client elect not to proceed with BCP, and 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.
2. Based on the concentrations of NYSDOH regulated compounds detected in soil vapor, a vapor encroachment condition (VEC) may exist at the site. The presence of sub-slab vapors indicate that localized VOC sources are present, perhaps in soil and/or groundwater beneath the structure where soil borings were not possible due to limited access. Redevelopment of the site should include the design and installation of a sub-slab depressurization system (SSDS) within the enclosed portions of structures to prevent exposure to building occupants.
3. This investigation is limited in scope, impacts to soil, groundwater and soil vapor from past site operations in other locations of the property cannot be ruled out.

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

Sincerely,

PVE Engineering

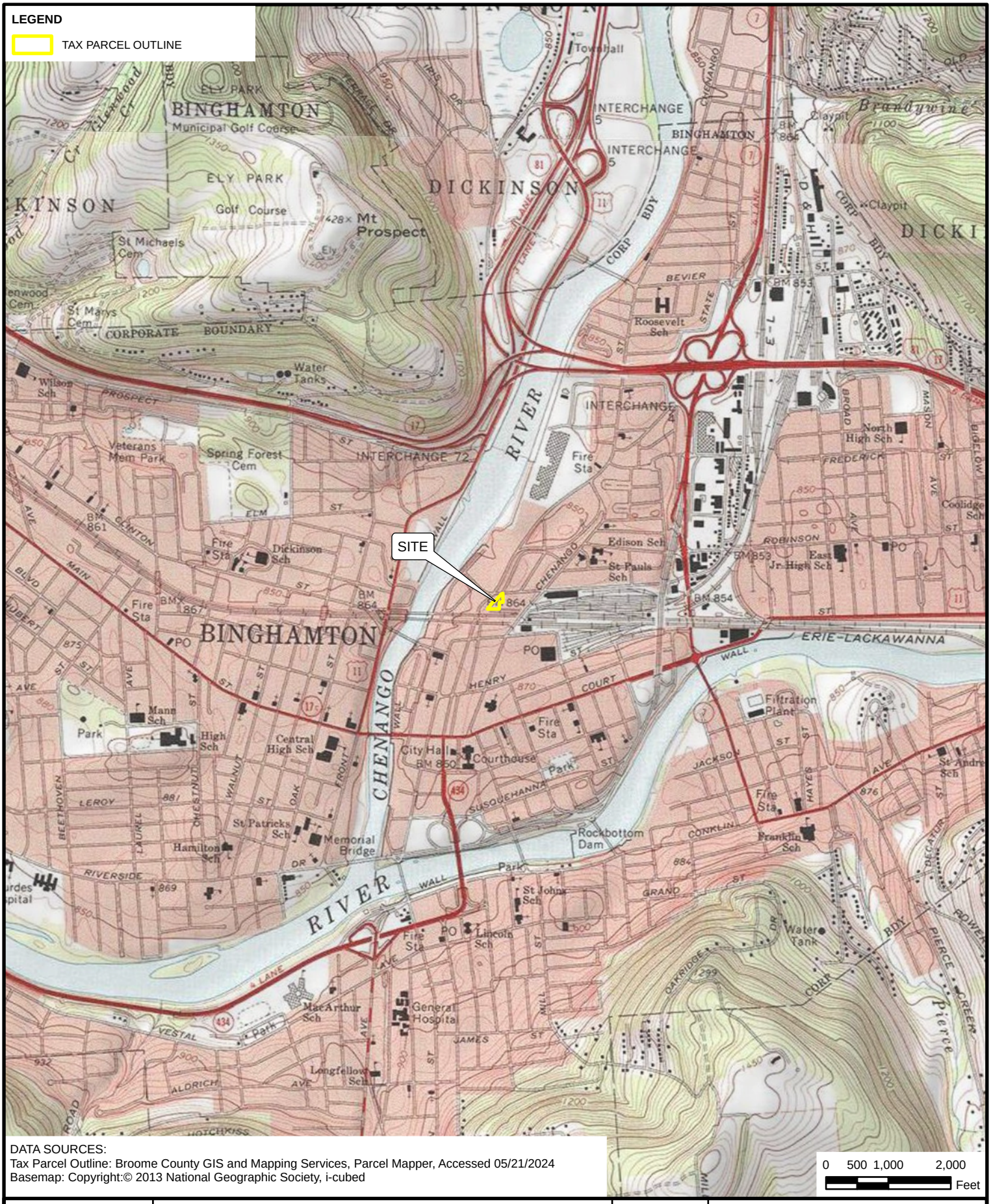


Conor B. Tarbell, QEP
Regional Director of Environmental Services

Attachments:

Figure 1 – Site Location Map
Figure 2 – Selected Site Features
Figure 3 – Sample Location Map
Soil and Soil Vapor Tables (1 – 5)
Soil Boring Logs
Vapor Logs
Analytical Lab Report

FIGURES



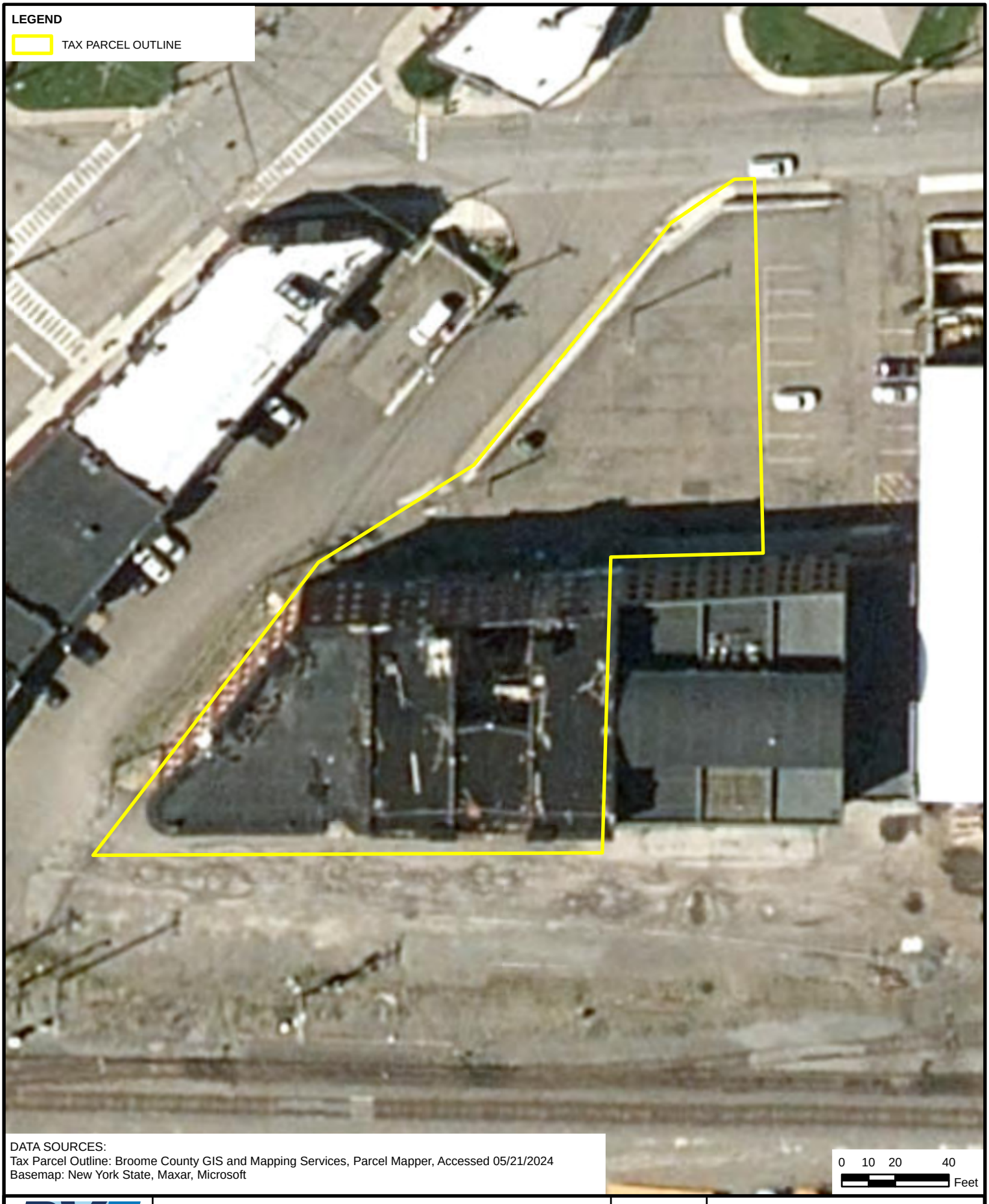
DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Basemap: Copyright:© 2013 National Geographic Society, i-cubed

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

SITE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO.	FIGURE 1
20240228	DATE: 05/21/2024
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Basemap: New York State, Maxar, Microsoft

0 10 20 40
Feet

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Poughkeepsie, NY 12603
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SELECTED SITE FEATURES

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228	**FIGURE 2**
N	**DATE: 05/21/2024**
	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



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Fax: 845.454.2655

SAMPLE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

FIGURE 3

DATE: 06/07/2024

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
1 North Depot Street, City of Binghamton, Broome County, NY
PVE File #20240228

						Date Sampled	6/4/2024			6/4/2024			6/4/2024			6/4/2024			6/5/2024			6/5/2024			6/5/2024		
						Location	SB-2			SB-4			SB-5			SB-6			SB-8			SB-9			SB-10		
						Sample ID	SB-2 0.5-2' 20240604			SB-4 2-3.5' 20240604			SB-5 2-3' 20240604			SB-6 0.5-3' 20240604			SB-8 2.5-3.5' 20240605			SB-9 2-2.5' 20240605			SB-10 0.5-3' 20240605		
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
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,1,2-Trichloroethane	79-00-5	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,1-Dichloroethane	75-34-3	0.27	26	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,1-Dichloroethene	75-35-4	0.33	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2,3-Trichlorobenzene	87-61-6	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2,3-Trichloropropane	96-18-4	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2,4-Trichlorobenzene	120-82-1	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2-Dichloroethane	107-06-2	0.02	3.1	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,2-Dichloroethane-D4	17060-07-0	NE	NE			56.7	mg/kg		56.8	mg/kg		56.8	mg/kg		58.8	mg/kg		57.3	mg/kg		57.7	mg/kg		58.8	mg/kg	
SW8260	1,2-Dichloropropane	78-87-5	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg		ND< 0.11	mg/kg	U	ND< 0.12	mg/kg	U	ND< 0.12	mg/kg	U	ND< 0.13	mg/kg	U	ND< 0.10	mg/kg	U	ND< 0.10	mg/kg	U	ND< 0.10	mg/kg	U
SW8260	2-Hexanone	591-78-6	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Acetone	67-64-1	0.05	100	mg/kg		ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.013	mg/kg	U	0.0078	mg/kg	J	ND< 0.010	mg/kg	U	ND< 0.010	mg/kg	U
SW8260	Acrolein	107-02-8	NE	NE			ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.013	mg/kg	U	ND< 0.010	mg/kg	U	ND< 0.010	mg/kg	U	ND< 0.010	mg/kg	U
SW8260	Acrylonitrile	107-13-1	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Benzene	71-43-2	0.06	4.8	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	0.010	mg/kg		ND< 0.0052	mg/kg	U
SW8260	Bromochloromethane	74-97-5	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Bromodichloromethane	75-27-4	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Bromoform	75-25-2	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Bromomethane	74-83-9	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Carbon Disulfide	75-15-0	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Chlorobenzene	108-90-7	1.1	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Chloroethane	75-00-3	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Chloroform	67-66-3	0.37	49	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Chloromethane	74-87-3	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	0.25	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Cis-1,3-Dichloropropene	10061-01-5	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Cyclohexane	110-82-7	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Dibromochloromethane	124-48-1	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Dibromomethane	74-95-3	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Dichlorodifluoromethane	75-71-8	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Ethylbenzene	100-41-4	1	41	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Hexachlorobutadiene	87-68-3	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Isopropylbenzene (Cumene)	98-82-8	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	m,p-Xylene	179601-23-1	NE	NE			ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.013	mg/kg	U	ND< 0.010	mg/kg	U	ND< 0.010	mg/kg	U	ND< 0.010	mg/kg	U
SW8260	Methyl Acetate	79-20-9	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Methylcyclohexane	108-87-2	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Methylene Chloride	75-09-2	0.05	100	mg/kg		ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.013	mg/kg	U	ND< 0.010	mg/kg	U	0.0062	mg/kg	J	ND< 0.010	mg/kg	U
SW8260	N-Butylbenzene	104-51-8	12	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	N-Propylbenzene	103-65-1	3.9	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	0.26	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	p-Bromofluorobenzene	460-00-4	NE	NE			47.6	mg/kg		47.6	mg/kg		46.4	mg/kg		47.9	mg/kg		51.0	mg/kg		46.7	mg/kg		47.8	mg/kg	
SW8260	P-Cymene (P-Isopropyltoluene)	CYMP	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Sec-Butylbenzene	135-98-8	11	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Styrene	100-42-5	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	T-Butylbenzene	98-06-6	5.9	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Tert-Butyl Alcohol	75-65-0	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	0.93	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	1.3	19	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Toluene	108-88-3	0.7	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Toluene-D8	2037-26-5	NE	NE			55.0	mg/kg		55.3	mg/kg		54.9	mg/kg		55.2	mg/kg		58.8	mg/kg		55.3	mg/kg		55.6	mg/kg	
SW8260	Trans-1,2-Dichloroethene	156-60-5	0.19	100	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Trans-1,3-Dichloropropene	10061-02-6	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Trans-1,4-Dichloro-2-Butene	110-57-6	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Trichloroethylene (TCE)	79-01-6	0.47	21	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Trichlorofluoromethane	75-69-4	NE	NE			ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Vinyl Chloride	75-01-4	0.02	0.9	mg/kg		ND< 0.0056	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0064	mg/kg	U	ND< 0.0052	mg/kg	U	ND< 0.0050	mg/kg	U	ND< 0.0052	mg/kg	U
SW8260	Xylenes	1330-20-7	0.26	100	mg/kg		ND< 0.017	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.016	mg/kg	U	ND< 0.015	mg/kg	U	ND< 0.016	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
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
1 North Depot Street, City of Binghamton, Broome County, NY
PVE File #20240228

					Date Sampled	6/4/2024			6/4/2024			6/4/2024			6/4/2024			6/5/2024			6/5/2024			6/5/2024		
					Location	SB-2			SB-4			SB-5			SB-6			SB-8			SB-9			SB-10		
					Sample ID	SB-2 0.5-2' 20240604			SB-4 2-3.5' 20240604			SB-5 2-3' 20240604			SB-6 0.5-3' 20240604			SB-8 2.5-3.5' 20240605			SB-9 2-2.5' 20240605			SB-10 0.5-3' 20240605		
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
SW8270	2-Fluorobiphenyl	321-60-8	NE	NE		0.47	mg/kg		0.69	mg/kg		0.75	mg/kg		0.60	mg/kg		0.74	mg/kg		0.77	mg/kg		0.43	mg/kg	
SW8270	Acenaphthene	83-32-9	20	100	mg/kg	0.050	mg/kg	J	0.052	mg/kg	J	0.060	mg/kg	J	ND< 0.092	mg/kg	U	ND< 0.095	mg/kg	U	ND< 0.093	mg/kg	U	ND< 0.088	mg/kg	U
SW8270	Acenaphthylene	208-96-8	100	100	mg/kg	1.1	mg/kg		0.062	mg/kg	J	0.064	mg/kg	J	ND< 0.092	mg/kg	U	ND< 0.095	mg/kg	U	ND< 0.093	mg/kg	U	ND< 0.088	mg/kg	U
SW8270	Anthracene	120-12-7	100	100	mg/kg	0.65	mg/kg		0.15	mg/kg		0.14	mg/kg		0.052	mg/kg	J	ND< 0.095	mg/kg	U	ND< 0.093	mg/kg	U	ND< 0.088	mg/kg	U
SW8270	Benzo(A)Anthracene	56-55-3	1	1	mg/kg	1.4	mg/kg		0.55	mg/kg		0.52	mg/kg		0.21	mg/kg		ND< 0.095	mg/kg	U	0.13	mg/kg		0.096	mg/kg	
SW8270	Benzo(A)Pyrene	50-32-8	1	1	mg/kg	1.1	mg/kg		0.73	mg/kg		0.48	mg/kg		0.18	mg/kg		ND< 0.095	mg/kg	U	0.11	mg/kg		0.079	mg/kg	J
SW8270	Benzo(B)Fluoranthene	205-99-2	1	1	mg/kg	1.1	mg/kg		0.50	mg/kg		0.42	mg/kg		0.16	mg/kg		ND< 0.095	mg/kg	U	0.10	mg/kg		0.069	mg/kg	J
SW8270	Benzo(G,H,I)Perylene	191-24-2	100	100	mg/kg	0.77	mg/kg		1.2	mg/kg		0.29	mg/kg		0.11	mg/kg		ND< 0.095	mg/kg	U	0.069	mg/kg	J	0.060	mg/kg	J
SW8270	Benzo(K)Fluoranthene	207-08-9	0.8	3.9	mg/kg	1.1	mg/kg		0.36	mg/kg		0.37	mg/kg		0.15	mg/kg		ND< 0.095	mg/kg	U	0.087	mg/kg	J	0.063	mg/kg	J
SW8270	Chrysene	218-01-9	1	3.9	mg/kg	1.5	mg/kg		0.59	mg/kg		0.50	mg/kg		0.19	mg/kg		ND< 0.095	mg/kg	U	0.12	mg/kg		0.099	mg/kg	
SW8270	Dibenz(A,H)Anthracene	53-70-3	0.33	0.33	mg/kg	0.29	mg/kg		0.42	mg/kg		0.096	mg/kg	J	ND< 0.092	mg/kg	U	ND< 0.095	mg/kg	U	ND< 0.093	mg/kg	U	ND< 0.088	mg/kg	U
SW8270	Fluoranthene	206-44-0	100	100	mg/kg	0.66	mg/kg		1.0	mg/kg		1.1	mg/kg		0.42	mg/kg		ND< 0.095	mg/kg	U	0.26	mg/kg		0.21	mg/kg	
SW8270	Fluorene	86-73-7	30	100	mg/kg	0.095	mg/kg		0.051	mg/kg	J	ND< 0.099	mg/kg	U	ND< 0.092	mg/kg	U	ND< 0.095	mg/kg	U	ND< 0.093	mg/kg	U	ND< 0.088	mg/kg	U
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.5	0.5	mg/kg	0.70	mg/kg		0.49	mg/kg		0.25	mg/kg		0.098	mg/kg		ND< 0.095	mg/kg	U	0.059	mg/kg	J	0.045	mg/kg	J
SW8270	Naphthalene	91-20-3	12	100	mg/kg	ND< 0.087	mg/kg	U	ND< 0.099	mg/kg	U	ND< 0.099	mg/kg	U	ND< 0.092	mg/kg	U	ND< 0.095	mg/kg	U	ND< 0.093	mg/kg	U	ND< 0.088	mg/kg	U
SW8270	Nitrobenzene-D5	4165-60-0	NE	NE		0.46	mg/kg		0.67	mg/kg		0.75	mg/kg		0.58	mg/kg		0.75	mg/kg		0.76	mg/kg		0.42	mg/kg	
SW8270	Phenanthrene	85-01-8	100	100	mg/kg	2.3	mg/kg		0.56	mg/kg		0.61	mg/kg		0.22	mg/kg		ND< 0.095	mg/kg	U	0.15	mg/kg		0.13	mg/kg	
SW8270	Pyrene	129-00-0	100	100	mg/kg	2.7	mg/kg		0.89	mg/kg		0.97	mg/kg		0.36	mg/kg		ND< 0.095	mg/kg	U	0.22	mg/kg		0.20	mg/kg	
SW8270	Terphenyl-D14	1718-51-0	NE	NE		0.54	mg/kg		0.78	mg/kg		0.87	mg/kg		0.70	mg/kg		0.80	mg/kg		0.85	mg/kg		0.51	mg/kg	

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs);
Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RRSCOs;
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
1 North Depot Street, City of Binghamton, Broome County, NY
PVE File #20240228

						Date Sampled	6/4/2024			6/4/2024			6/4/2024			6/4/2024			6/5/2024			6/5/2024			6/5/2024		
						Location	SB-2			SB-4			SB-5			SB-6			SB-8			SB-9			SB-10		
						Sample ID	SB-2 0.5-2' 20240604			SB-4 2-3.5' 20240604			SB-5 2-3' 20240604			SB-6 0.5-3' 20240604			SB-8 2.5-3.5' 20240605			SB-9 2-2.5' 20240605			SB-10 0.5-3' 20240605		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	Unit		Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Arsenic	7440-38-2	13	16	mg/kg		9.02	mg/kg		12.3	mg/kg		9.25	mg/kg		8.50	mg/kg		5.00	mg/kg		6.41	mg/kg		4.85	mg/kg	
SW6010	Barium	7440-39-3	350	400	mg/kg		57.7	mg/kg		102	mg/kg		112	mg/kg		133	mg/kg		41.1	mg/kg		52.0	mg/kg		75.7	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	4.3	mg/kg		ND< 0.266	mg/kg	U	ND< 0.302	mg/kg	U	ND< 0.301	mg/kg	U	0.447	mg/kg		ND< 0.287	mg/kg	U	ND< 0.281	mg/kg	U	ND< 0.272	mg/kg	U
SW6010	Chromium, Total	7440-47-3	31	290	mg/kg		12.5	mg/kg		11.5	mg/kg		8.34	mg/kg		10.1	mg/kg		7.77	mg/kg		10.1	mg/kg		9.78	mg/kg	
SW6010	Lead	7439-92-1	63	400	mg/kg		28.9	mg/kg		986	mg/kg		344	mg/kg		202	mg/kg		63.5	mg/kg		45.9	mg/kg		30.2	mg/kg	
SW6010	Selenium	7782-49-2	3.9	180	mg/kg		ND< 2.22	mg/kg	U	ND< 2.51	mg/kg	U	ND< 2.51	mg/kg	U	ND< 2.32	mg/kg	U	ND< 2.39	mg/kg	U	ND< 2.34	mg/kg	U	ND< 2.27	mg/kg	U
SW6010	Silver	7440-22-4	2	180	mg/kg		ND< 0.447	mg/kg	U	ND< 0.507	mg/kg	U	ND< 0.506	mg/kg	U	ND< 0.468	mg/kg	U	ND< 0.482	mg/kg	U	ND< 0.472	mg/kg	U	ND< 0.457	mg/kg	U
SW7473	Mercury	7439-97-6	0.18	0.81	mg/kg		0.0448	mg/kg		0.874	mg/kg		0.831	mg/kg		1.27	mg/kg		0.259	mg/kg		0.223	mg/kg		0.101	mg/kg	

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs);
Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RRSCOs;
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 4 - PCBs in Soil Samples
Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375
1 North Depot Street, City of Binghamton, Broome County, NY
PVE File #20240228

					Date Sampled	6/4/2024			6/5/2024		
					Location	SB-6			SB-8		
					Sample ID	SB-6 0.5-3' 20240604			SB-8 2.5-3.5' 20240605		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	Unit	Result	Unit	Q	Result	Unit	Q
SW8082	2,4,5,6-Tetrachloro-Meta-Xylene	877-09-8	NE	NE		0.0359	mg/kg		0.0507	mg/kg	
SW8082	Decachlorobiphenyl (PCB 209)	2051-24-3	NE	NE		0.0248	mg/kg		0.0370	mg/kg	
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0185	mg/kg	U	ND< 0.019	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0185	mg/kg	U	ND< 0.019	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;
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 5 - VOCs in Soil Vapor Samples
Compared to NYSDOH Decision Matrices
1 North Depot Street, City of Binghamton, Broome County, NY
PVE File #20240228

							Date Sampled	6/4/2024			6/4/2024			6/4/2024			6/4/2024			6/5/2024			6/5/2024		
							Location	SV-1			SV-2			SV-3			SV-4			SSV-1			SSV-2		
							Sample ID	SV-1 20240604			SV-2 20240604			SV-3 20240604			SV-4 20240604			SSV-1 20240605			SSV-2 20240605		
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	Result	Unit	Q	Result	Unit	Q
TO15	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE		ND< 4.1	ug/m3	U	ND< 2.2	ug/m3	U	ND< 11	ug/m3	U	ND< 10	ug/m3	U	ND< 9.8	ug/m3	U	ND< 4.1	ug/m3	U
TO15	1,1,1-Trichloroethane (TCA)	71-55-6	<100	100 - 1,000	>1,000	ug/m3	ND< 3.3	ug/m3	U	ND< 1.7	ug/m3	U	ND< 8.8	ug/m3	U	ND< 8.3	ug/m3	U	7.8	ug/m3		ND< 3.2	ug/m3	U
TO15	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	NE		ND< 4.1	ug/m3	U	ND< 2.2	ug/m3	U	ND< 11	ug/m3	U	ND< 10	ug/m3	U	ND< 9.8	ug/m3	U	ND< 4.1	ug/m3	U
TO15	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE		ND< 4.6	ug/m3	U	ND< 2.4	ug/m3	U	ND< 12	ug/m3	U	ND< 12	ug/m3	U	ND< 11	ug/m3	U	ND< 4.5	ug/m3	U
TO15	1,1,2-Trichloroethane	79-00-5	NE	NE	NE		ND< 3.3	ug/m3	U	ND< 1.7	ug/m3	U	ND< 8.8	ug/m3	U	ND< 8.3	ug/m3	U	ND< 7.8	ug/m3	U	ND< 3.2	ug/m3	U
TO15	1,1-Dichloroethane	75-34-3	NE	NE	NE		ND< 2.4	ug/m3	U	ND< 1.3	ug/m3	U	ND< 6.5	ug/m3	U	ND< 6.1	ug/m3	U	ND< 5.8	ug/m3	U	ND< 2.4	ug/m3	U
TO15	1,1-Dichloroethene	75-35-4	<6	6 - 60	>60	ug/m3	ND< 0.60	ug/m3	U	ND< 0.31	ug/m3	U	ND< 1.6	ug/m3	U	ND< 1.5	ug/m3	U	ND< 1.4	ug/m3	U	ND< 0.59	ug/m3	U
TO15	1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE		ND< 4.5	ug/m3	U	ND< 2.4	ug/m3	U	ND< 12	ug/m3	U	ND< 11	ug/m3	U	ND< 11	ug/m3	U	ND< 4.4	ug/m3	U
TO15	1,2,4-Trimethylbenzene	95-63-6	<60	60 - 600	>600	ug/m3	24	ug/m3		35	ug/m3		36	ug/m3		36	ug/m3		7.7	ug/m3		9.0	ug/m3	
TO15	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE	NE		ND< 4.6	ug/m3	U	ND< 2.4	ug/m3	U	ND< 12	ug/m3	U	ND< 12	ug/m3	U	ND< 11	ug/m3	U	ND< 4.5	ug/m3	U
TO15	1,2-Dichlorobenzene	95-50-1	NE	NE	NE		ND< 3.6	ug/m3	U	ND< 1.9	ug/m3	U	ND< 9.7	ug/m3	U	ND< 9.1	ug/m3	U	ND< 8.5	ug/m3	U	ND< 3.6	ug/m3	U
TO15	1,2-Dichloroethane	107-06-2	NE	NE	NE		ND< 2.4	ug/m3	U	ND< 1.3	ug/m3	U	ND< 6.5	ug/m3	U	ND< 6.1	ug/m3	U	ND< 5.8	ug/m3	U	ND< 2.4	ug/m3	U
TO15	1,2-Dichloropropane	78-87-5	NE	NE	NE		ND< 2.8	ug/m3	U	ND< 1.5	ug/m3	U	ND< 7.5	ug/m3	U	ND< 7.0	ug/m3	U	ND< 6.6	ug/m3	U	ND< 2.7	ug/m3	U
TO15	1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE	NE		ND< 4.2	ug/m3	U	ND< 2.2	ug/m3	U	ND< 11	ug/m3	U	ND< 11	ug/m3	U	ND< 9.9	ug/m3	U	ND< 4.1	ug/m3	U
TO15	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	<60	60 - 600	>600	ug/m3	5.6	ug/m3		7.8	ug/m3		8.7	ug/m3		8.2	ug/m3		ND< 7.0	ug/m3	U	ND< 2.9	ug/m3	U
TO15	1,3-Butadiene	106-99-0	NE	NE	NE		ND< 4.0	ug/m3	U	3.4	ug/m3		ND< 11	ug/m3	U	ND< 10	ug/m3	U	ND< 9.4	ug/m3	U	ND< 3.9	ug/m3	U
TO15	1,3-Dichlorobenzene	541-73-1	NE	NE	NE		ND< 3.6	ug/m3	U	ND< 1.9	ug/m3	U	ND< 9.7	ug/m3	U	ND< 9.1	ug/m3	U	ND< 8.5	ug/m3	U	ND< 3.6	ug/m3	U
TO15	1,3-Dichloropropane	142-28-9	NE	NE	NE		ND< 2.8	ug/m3	U	ND< 1.5	ug/m3	U	ND< 7.5	ug/m3	U	ND< 7.0	ug/m3	U	ND< 6.6	ug/m3	U	ND< 2.7	ug/m3	U
TO15	1,4-Dichlorobenzene	106-46-7	NE	NE	NE		ND< 3.6	ug/m3	U	ND< 1.9	ug/m3	U	ND< 9.7	ug/m3	U	ND< 9.1	ug/m3	U	ND< 8.5	ug/m3	U	ND< 3.6	ug/m3	U
TO15	1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE	NE		ND< 4.4	ug/m3	U	ND< 2.3	ug/m3	U	ND< 12	ug/m3	U	ND< 11	ug/m3	U	ND< 10	ug/m3	U	ND< 4.3	ug/m3	U
TO15	2,2,4-Trimethylpentane	540-84-1	<60	60 - 600	>600	ug/m3	2.26	ug/m3		3.71	ug/m3		4.52	ug/m3		4.95	ug/m3		ND< 3.32	ug/m3	U	1.38	ug/m3	
TO15	2-Hexanone	591-78-6	NE	NE	NE		ND< 4.9	ug/m3	U	3.4	ug/m3		ND< 13	ug/m3	U	ND< 12	ug/m3	U	ND< 12	ug/m3	U	ND< 4.8	ug/m3	U
TO15	4-Ethyltoluene	622-96-8	NE	NE	NE		24	ug/m3		36	ug/m3		35	ug/m3		34	ug/m3		ND< 7.0	ug/m3	U	7.3	ug/m3	
TO15	Acetone	67-64-1	NE	NE	NE		320	ug/m3		280	ug/m3		530	ug/m3	B	540	ug/m3	B	85	ug/m3	B	170	ug/m3	
TO15	Acrylonitrile	107-13-1	NE	NE	NE		ND< 1.3	ug/m3	U	ND< 0.69	ug/m3	U	5.3	ug/m3		ND< 3.3	ug/m3	U	ND< 3.1	ug/m3	U	ND< 1.3	ug/m3	U
TO15	Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE	NE		ND< 9.5	ug/m3	U	ND< 5.0	ug/m3	U	ND< 25	ug/m3	U	ND< 24	ug/m3	U	ND< 22	ug/m3	U	ND< 9.3	ug/m3	U
TO15	Benzene	71-43-2	<60	60 - 600	>600	ug/m3	3.9	ug/m3		8.1	ug/m3		17	ug/m3		390	ug/m3		ND< 4.5	ug/m3	U	3.0	ug/m3	
TO15	Benzyl Chloride	100-44-7	NE	NE	NE		ND< 3.1	ug/m3	U	2.5	ug/m3		ND< 8.4	ug/m3	U	10	ug/m3		ND< 7.4	ug/m3	U	ND< 3.1	ug/m3	U
TO15	Bromodichloromethane	75-27-4	NE	NE	NE		ND< 4.0	ug/m3	U	ND< 2.1	ug/m3	U	ND< 11	ug/m3	U	13	ug/m3		ND< 9.5	ug/m3	U	ND< 4.0	ug/m3	U
TO15	Bromoform	75-25-2	NE	NE	NE		ND< 6.2	ug/m3	U	ND< 3.3	ug/m3	U	ND< 17	ug/m3	U	ND< 16	ug/m3	U	ND< 15	ug/m3	U	ND< 6.1	ug/m3	U
TO15	Bromomethane	74-83-9	NE	NE	NE		ND< 2.3	ug/m3	U	ND< 1.2	ug/m3	U	ND< 6.3	ug/m3	U	ND< 5.9	ug/m3	U	ND< 5.5	ug/m3	U	ND< 2.3	ug/m3	U
TO15	Carbon Disulfide	75-15-0	NE	NE	NE		2.8	ug/m3		3.0	ug/m3		ND< 5.0	ug/m3	U	ND< 4.7	ug/m3	U	ND< 4.4	ug/m3	U	ND< 1.8	ug/m3	U
TO15	Carbon Tetrachloride	56-23-5	<6	6 - 60	>60	ug/m3	ND< 0.95	ug/m3	U	7.4	ug/m3		ND< 2.5	ug/m3	U	ND< 2.4	ug/m3	U	ND< 2.2	ug/m3	U	ND< 0.93	ug/m3	U
TO15	Chlorobenzene	108-90-7	NE	NE	NE		ND< 2.8	ug/m3	U	ND< 1.5	ug/m3	U	ND< 7.4	ug/m3	U	ND< 7.0	ug/m3	U	ND< 6.5	ug/m3	U	ND< 2.7	ug/m3	U
TO15	Chloroethane	75-00-3	NE	NE	NE		ND< 1.6	ug/m3	U	ND< 0.84	ug/m3	U	ND< 4.3	ug/m3	U	ND< 4.0	ug/m3	U	ND< 3.7	ug/m3	U	ND< 1.6	ug/m3	U
TO15	Chloroform	67-66-3	NE	NE	NE		ND< 2.9	ug/m3	U	ND< 1.6	ug/m3	U	ND< 7.9	ug/m3	U	84	ug/m3		9.0	ug/m3		ND< 2.9	ug/m3	U
TO15	Chloromethane	74-87-3	NE	NE	NE		ND< 1.2	ug/m3	U	ND< 0.66	ug/m3	U	ND< 3.3	ug/m3	U	ND< 3.1	ug/m3	U	ND< 2.9	ug/m3	U	ND< 1.2	ug/m3	U
TO15	Cis-1,2-Dichloroethylene	156-59-2	<6	6 - 60	>60	ug/m3	ND< 0.60	ug/m3	U	ND< 0.31	ug/m3	U	4.5	ug/m3		2.4	ug/m3		83	ug/m3		1.6	ug/m3	
TO15	Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE		ND< 2.7	ug/m3	U	ND< 1.4	ug/m3	U	ND< 7.3	ug/m3	U	ND< 6.9	ug/m3	U	ND< 6.4	ug/m3	U	ND< 2.7	ug/m3	U
TO15	Cyclohexane	110-82-7	<60	60 - 600	>600	ug/m3	4.4	ug/m3		15	ug/m3		8.9	ug/m3		9.9	ug/m3		ND< 4.9	ug/m3	U	2.6	ug/m3	
TO15	Dibromochloromethane	124-48-1	NE	NE	NE		ND< 5.1	ug/m3	U	ND< 2.7	ug/m3	U	ND< 14	ug/m3	U	ND< 13	ug/m3	U	ND< 12	ug/m3	U	ND< 5.0	ug/m3	U
TO15	Dichlorodifluoromethane	75-71-8	NE	NE	NE		3.0	ug/m3		3.5	ug/m3		ND< 8.0	ug/m3	U	ND< 7.5	ug/m3	U	7.7	ug/m3		8.8	ug/m3	
TO15	Ethyl Acetate	141-78-6	NE	NE	NE		ND< 4.4	ug/m3	U	ND< 2.3	ug/m3	U	ND< 12	ug/m3	U	ND< 11	ug/m3	U	ND< 10	ug/m3	U	ND< 4.3	ug/m3	U
TO15	Ethylbenzene	100-41-4	<60	60 - 600	>600	ug/m3	41	ug/m3		54	ug/m3		66	ug/m3		66	ug/m3		9.3	ug/m3	U	11	ug/m3	
TO15	Hexachlorobutadiene	87-68-3	NE	NE	NE		ND< 6.4	ug/m3	U	ND< 3.4	ug/m3	U	ND< 17	ug/m3	U	ND< 16	ug/m3	U	ND< 15	ug/m3	U	ND< 6.3	ug/m3	U
TO15	Isopropanol	67-63-0	NE	NE	NE		ND< 3.0	ug/m3	U	ND< 1.6	ug/m3	U	ND< 7.9	ug/m3	U	ND< 7.4	ug/m3	U	ND< 7.0	ug/m3	U	ND< 2.9	ug/m3	U
TO15	m,p-Xylene	179601-23-1	<200	200 - 2,000	>2,000	ug/m3	45	ug/m3		62	ug/m3		73	ug/m3		72	ug/m3		ND< 12	ug/m3	U	14	ug/m3	
TO15	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE	NE		5.2	ug/m3		6.7	ug/m3		10	ug/m3		14	ug/m3		5.0	ug/m3		9.9	ug/m3	
TO15	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE		ND< 2.5	ug/m3	U	ND< 1.3	ug/m3	U	ND< 6.6	ug/m3	U	ND< 6.2	ug/m3	U	ND< 5.8	ug/m3	U	ND< 2.4	ug/m3	U
TO15	Methyl Methacrylate	80-62-6	NE	NE	NE		ND< 2.5	ug/m3	U	ND< 1.3	ug/m3	U	ND< 6.6	ug/m3	U	ND< 6.2	ug/m3	U	ND< 5.8	ug/m3	U	ND< 2.4	ug/m3	U
TO15	Methylene Chloride	75-09-2	<100	100 - 1,000	>1,000	ug/m3	ND< 4.2	ug/m3	U	ND< 2.2	ug/m3	U	ND< 11	ug/m3	U	ND< 11	ug/m3	U	ND< 9.9	ug/m3	U	ND< 4.1	ug/m3	U
TO15	Naphthalene	91-20-3	<60	60 - 600	>600	ug/m3	ND< 6.3	ug/m3	U	ND< 3.3	ug/m3	U	ND< 17	ug/m3	U	ND< 16	ug/m3	U	ND< 15	ug/m3	U	ND< 6.2	ug/m3	U
TO15	N-Heptane	142-82-5	<200	200 - 2,000	>2,000	ug/m3	6.4	ug/m3		28	ug/m3		28	ug/m3		22	ug/m3		7.0	ug/m3		5.8	ug/m3	
TO15	N-Hexane	110-54-3	<200	200 - 2,000	>2,000	ug/m3	10	ug/m3		46	ug/m3		39	ug/m3		35	ug/m3		8.5	ug/m3		6.7	ug/m3	
TO15	O-Xylene (1,2-Dimethylbenzene)	95-47-6	<60	60 - 600	>600	ug/m3	18	ug/m3		25	ug/m3		27	ug/m3		28	ug/m3		ND< 6.2	ug/m3	U	6.2	ug/m3	
TO15	Propylene	115-07-1	NE	NE	NE		ND< 1.0	ug/m3	U	ND< 0.55	ug/m3	U	ND< 2.8	ug/m3	U	ND< 2.6	ug/m3	U	ND< 2.4	ug/m3	U	5.7	ug/m3	
TO15	Styrene	100-42-5	NE	NE	NE		ND< 2.6	ug/m3	U	1.8	ug/m3		ND< 6.9	ug/m3	U	ND< 6.5	ug/m3	U	ND< 6.1	ug/m3	U	ND< 2.5	ug/m3	U
TO15	Tert-Butyl Methyl Ether	1634-04-4	NE	NE	NE		ND< 2.2	ug/m3	U	ND< 1.1	ug/m3	U	ND< 5.8	ug/m3	U	ND< 5.5	ug/m3	U	ND< 5.1	ug/m3	U	ND< 2.1	ug/m3	U
TO15	Tetrachloroethylene (PCE)	127-18-4	<100	100 - 1,000	>1,000	ug/m3	27	ug/m3		17	ug/m3		4900	ug/m3		1800	ug/m3		7400	ug/m3		890	ug/m3	
TO15	Tetrahydrofuran	109-99-9	NE	NE	NE		ND< 3.6	ug/m3	U	ND< 1.9	ug/m3	U	ND< 9.5	ug/m3	U	ND< 8.9	ug/m3	U	ND< 8.4	ug/m3	U	ND< 3.5	ug/m3	U
TO15	Toluene	108-88-3	<300	300 - 3,000	>3,000	ug/m3	32	ug/m3		47	ug/m3		58	ug/m3		110	ug/m3		8.0	ug/m3		10	ug/m3	
TO15	Trans-1,2-Dichloroethene	156-60-5	NE	NE	NE		ND< 2.4	ug/m3	U	ND< 1.3	ug/m3	U	17	ug/m3		ND< 6.0	ug/m3	U	ND< 5.6	ug/m3	U	ND< 2.3	ug/m3	U
TO15	Trans-1,3-Dichloropropene	10061-02-6	NE	NE	NE		ND< 2.7	ug/m3	U	ND< 1.4	ug/m3	U	ND< 7.3	ug/m3	U	ND< 6.9	ug/m3	U	ND< 6.4	ug/m3	U	ND< 2.7	ug/m3	U
TO15	Trichloroethylene (TCE)	79-01-6	<6	6 - 60	>60	ug/m3	ND< 0.81	ug/m3	U	0.51	ug/m3		100	ug/m3		ND< 2.0	ug/m3	U	220	ug/m3		33	ug/m3	
TO15	Trichlorofluoromethane	75-69-4	NE	NE	NE		6.8	ug/m3		2.9	ug/m3		13	ug/m3		8.5	ug/m3		22	ug/m3		24	ug/m3	
TO15	Vinyl Acetate	108-05-4	NE	NE	NE		ND< 2.1	ug/m3	U	ND< 1.1	ug/m3	U	ND< 5.7	ug/m3	U	ND< 5.3	ug/m3	U	ND< 5.0	ug/m3	U	ND< 2.1	ug/m3	U
TO15	Vinyl Bromide	593-60-2	NE	NE	NE		ND< 2.6	ug/m3	U	ND< 1.4	ug/m3	U	ND< 7.1	ug/m3	U	ND< 6.6	ug/m3	U	ND< 6.2	ug/m3	U	ND< 2.6	ug/m3	U
TO15	Vinyl Chloride	75-01-4	<6	6 - 60	>60	ug/m3	ND< 0.77	ug/m3	U	0.49	ug/m3		ND< 2.1	ug/m3	U	ND< 1.9	ug/m3	U	ND< 1.8	ug/m3	U	ND< 0.76	ug/m3	U

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

SOIL BORING LOGS

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

BORING NUMBER SB-1

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				0.2 Asphalt pavement.	
		GM		(GM) Brown/dark brown fine and medium sand, some silt; some gravel; with cobble.	PID = 0
2.5					
5.0					PID = 0
7.5					
10.0					PID = 0
12.5					PID = 0
15.0	GB 14 - 16'				PID = 0
				16.3	

Refusal at 16.3 feet.
Bottom of borehole at 16.3 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-2

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				0.2 Asphalt.	
	GB 0.5 - 2'	GM		(GM) Brown/dark brown fine and medium sand, some silt; with gravel; with cobble.	PID = 0
2.5					PID = 0
5.0					PID = 0
7.5					PID = 0
10.0					PID = 0
12.5				13.8	

Refusal at 13.8 feet.
Bottom of borehole at 13.8 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-3

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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.	
		SM		(SM) Brown/light brown fine and medium sand, some silt; some gravel; little cobble.	PID = 0
5	GB 6 - 8'				PID = 0.5
				8.0	
		SC		(SC) Brown fine and medium sand, little clay, little silt; some gravel; some cobble.	PID = 0
10				12.0	
		GP		(GP) Brown medium sand, some silt; some gravel; some cobble.	PID = 0
15				19.8	

Refusal at 19.8 feet.
Bottom of borehole at 19.8 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-4

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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.	
				(Fill) Dark brown and light gray fine, medium and coarse sand, some silt; some gravel; comingled with fill (slag).	
	GB 2-3.5'				PID = 1.3
				3.5 (GM) Brown fine and medium sand, some silt; with gravel; moist.	PID = 0
5					
					PID = 0
10		GM			
					PID = 0
15				15.0	
		GM		(GM) Brown/dark brown silt, with fine sand; with gravel; some cobble; moist. 16.0	PID = 0
		ML		(ML) Brown silt, some clay; with cobble; moist. 17.0	
		GM		(GM) Fracture white rock to brown medium sand, little silt; with cobble; some gravel. 18.2	PID = 0

Refusal at 18.2 feet.
Bottom of borehole at 18.2 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-5

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				0.3 Asphalt parking lot.	
				(Fill) Dark brown and light gray fine, medium and coarse sand, some silt; some gravel; comingled with fill (with slag, ash, little brick fragments); moist.	
2.5	GB 2-3'				PID = 0.5
				3.0 Crushed cobble; with brown fine, medium sand. 4.0	
		GM		(GM) Brown fine and medium sand, some silt; some gravel; some cobble.	PID = 0
5.0					
7.5					PID = 0
10.0					
12.5					PID = 0
				13.6	

Refusal at 13.6 feet.
Bottom of borehole at 13.6 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-6

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				Topsoil with brick fragments.	
				0.5	
	GB 0.5-3'			(Fill) Dark brown and light gray fine, medium and coarse sand, some silt; some gravel; comingled with fill (with glass, tile and coal fragments).	PID = 0.1
2.5				3.0	
		GM		(GM) Brown fine and medium sand, some silt; with gravel and cobble.	PID = 0
5.0					PID = 0
7.5					PID = 0
10.0					PID = 0
12.5					PID = 0
15.0					
				16.8	

Refusal at 16.8 feet.
Bottom of borehole at 16.8 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-7

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/4/24 **COMPLETED** 6/4/24
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				0.5 Fractured rock, with brown fine and medium sand; some gravel.	
		SC		(SC) (Fill) Brown fine sand, little clay, little silt; some gravel, comingled brick.	PID = 0
5					PID = 0
				7.0	
	GB 7-9'	GM		(GM) Brown fine and medium sand, some silt; some gravel; with cobble.	PID = 0
10					PID = 0
					PID = 0
15					PID = 0
					PID = 0
20				20.0	

Refusal at 20.0 feet.
Bottom of borehole at 20.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-8

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/5/24 **COMPLETED** 6/5/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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.	
		GM		(GM) Dark brown to light gray fine sand, with silt; little gravel; some cobble.	
				2.5	
	GB 2.5-3.5'	SM		(SM) Dark brown/black fine sand, with silt; little brick fragments and crushed coal.	PID = 0.1
				3.5	
		GM		4.0 (GM) Brown/light brown fine sand, with silt, little clay; some gravel; little cobble.	
5				(GM) Brown fine and medium sand, with silt; with gravel; with cobble.	PID = 0
10					PID = 0
15		GM			PID = 0
					PID = 0
20					PID = 0
				24.0	

Bottom of borehole at 24.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-9

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/5/24 **COMPLETED** 6/5/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				0.3 Asphalt parking lot.	
				(Fill) Dark brown/black fine sand, with silt; little brick fragments and crushed coal.	
2.5	GB 2-2.5'			2.5	PID = 0.4
		GM		(GM) Brown fine and medium sand, with silt; with gravel; with cobble.	PID = 0
5.0					
7.5					PID = 0
10.0				10.0	
		GP		(GP) Brown medium sand, little silt; some gravel; little cobble.	PID = 0
12.5					PID = 0
15.0					PID = 0
				17.2	PID = 0

Refusal at 17.2 feet.
Bottom of borehole at 17.2 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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

BORING NUMBER SB-10

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/5/24 **COMPLETED** 6/5/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 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				0.3 Asphalt parking lot.	
	GB 0.5-3'			(Fill) Brown/dark brown fine and medium sand, some silt; with gravel; with cobble; little brick fragments.	PID = 0.1
2.5				3.0	PID = 0
		GM		(GM) Brown/dark brown fine and medium sand, some silt; some gravel; some cobble.	PID = 0
5.0					
7.5				8.0	
				No recovery.	PID = 0
10.0					PID = 0
				12.0	
12.5		GM		(GM) Brown fine sand, some silt to crushed cobble with gravel.	PID = 0
				13.8	

Refusal at 13.8 feet.
Bottom of borehole at 13.8 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 6/26/24 13:11 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

VAPOR SAMPLING LOG

VAPOR SAMPLING LOG

Project Name/Address: 1 North Depot Street, City of Binghamton, New York PVE Project #: 20240228

Sampler(s): AJS/TLC/RER Weather: 78°F; sunny

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 (_____)
(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	2024-06-04 10:50	2024-06-04 13:09	20942	20246	-30"	-3"
SV-2	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-04 10:54	2024-06-04 12:44	41841	7609	-30"	-4"
SV-3	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-04 11:18	2024-06-04 13:27	48321	Y-27	-30"	-4"
SV-4	B	A	5' bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-04 11:24	2024-06-04 13:52	43003	19401	-30"	-2"

Analytical Laboratory: York Analytical Date Shipped to Lab: June 6, 2024 Delivery Service: __FedEx __UPS x Courier

VAPOR SAMPLING LOG

Project Name/Address: 1 North Depot Street, City of Binghamton, New York PVE Project #: 20240228

Sampler(s): AJS/TLC Weather: 76°F; sunny/mostly cloudy

NOTES: _____

KEY

Location Type:
(A) Sub-slab
(B) Soil vapor probe, pre-fabricated (_____)
(C) Soil vapor probe, field constructed (_____)
(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
SSV-1 2024-06-05	A	A	8" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-05 12:43	2024-06-05 15:04	22079	5378	-30"	-3"
SSV-2 2024-06-05	A	A	19" bgs	PASS	B	MultiRAE gas detector	1-3 volumes	2024-06-05 12:52	2024-06-05 15:06	23990	5706	-30"	-2"

Analytical Laboratory: York Analytical Date Shipped to Lab: June 6, 2024 Delivery Service: __FedEx __UPS x Courier

ANALYTICAL REPORTS

Technical Report

prepared for:

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

Report Date: 06/14/2024
Client Project ID: 20240228
York Project (SDG) No.: 24F0413

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

Report Date: 06/14/2024
Client Project ID: 20240228
York Project (SDG) No.: 24F0413

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 06, 2024 and listed below. The project was identified as your project: **20240228**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24F0413-02	SB-2 0.5-2 20240604	Soil	06/04/2024	06/06/2024
24F0413-04	SB-4 2-3.5 20240604	Soil	06/04/2024	06/06/2024
24F0413-05	SB-5 2-3 20240604	Soil	06/04/2024	06/06/2024
24F0413-06	SB-6 0.5-3 20240604	Soil	06/04/2024	06/06/2024
24F0413-08	SB-8 2.5-3.5 20240605	Soil	06/05/2024	06/06/2024
24F0413-09	SB-9 2-2.5 20240605	Soil	06/05/2024	06/06/2024
24F0413-10	SB-10 0.5-3 20240605	Soil	06/05/2024	06/06/2024

General Notes for York Project (SDG) No.: 24F0413

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

Cassie L. Mosher
Laboratory Manager

Date: 06/14/2024

Sample Information

Client Sample ID: SB-2 0.5-2 20240604 **York Sample ID:** 24F0413-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 11:35 am	06/06/2024

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 Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC

Sample Information

Client Sample ID: SB-2 0.5-2 20240604 **York Sample ID:** 24F0413-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 11:35 am	06/06/2024

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	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 19:08	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-2 0.5-2 20240604 **York Sample ID:** 24F0413-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 11:35 am	06/06/2024

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	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260D	06/10/2024 10:49	06/10/2024 19:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-2 0.5-2 20240604 **York Sample ID:** 24F0413-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 11:35 am	06/06/2024

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*	*113 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*			*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**	**0.050**	J	mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	**Acenaphthylene**	**1.1**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	**Anthracene**	**0.65**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	**Benzo(a)anthracene**	**1.4**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**1.1**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**1.1**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.77**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**1.1**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**1.5**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.29**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	**Fluoranthene**	**0.66**		mg/kg dry	0.11	0.22	5	EPA 8270E	06/07/2024 08:23	06/14/2024 11:37	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.095**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.70**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**2.3**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	**Pyrene**	**2.7**		mg/kg dry	0.044	0.087	2	EPA 8270E	06/07/2024 08:23	06/11/2024 11:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-2 0.5-2 20240604 **York Sample ID:** 24F0413-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 11:35 am	06/06/2024

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*	*52.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.8 %*			*21-113*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.1 %*			*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**	**9.02**		mg/kg dry	1.33	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**57.7**		mg/kg dry	2.21	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.444	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**28.9**		mg/kg dry	0.444	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:50	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.0448**		mg/kg dry	0.0319	1	EPA 7473	06/11/2024 14:48	06/11/2024 20:58	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**	**94.0**		%	0.100	1	SM 2540G	06/10/2024 07:46	06/10/2024 16:02	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 2-3.5 20240604 **York Sample ID:** 24F0413-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 1:00 pm	06/06/2024

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	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
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:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC

Sample Information

Client Sample ID: SB-4 2-3.5 20240604 **York Sample ID:** 24F0413-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 1:00 pm	06/06/2024

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		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:03	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-4 2-3.5 20240604 **York Sample ID:** 24F0413-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 1:00 pm	06/06/2024

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	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/10/2024 20:03	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/10/2024 20:03	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/10/2024 20:03	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NJDEP-CT005	06/10/2024 20:03	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D Certifications:	06/10/2024 10:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/10/2024 20:03	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*

Sample Information

Client Sample ID: SB-4 2-3.5 20240604 **York Sample ID:** 24F0413-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 1:00 pm	06/06/2024

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*	*111 %*			*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**	**0.052**	J	mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	**Acenaphthylene**	**0.062**	J	mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	**Anthracene**	**0.15**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	**Benzo(a)anthracene**	**0.55**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.73**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.50**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**1.2**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.36**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**0.59**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.42**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	**Fluoranthene**	**1.0**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.051**	J	mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.49**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								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	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.56**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	**Pyrene**	**0.89**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:23	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*

Sample Information

Client Sample ID: SB-4 2-3.5 20240604 **York Sample ID:** 24F0413-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 1:00 pm	06/06/2024

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*	*78.5 %*			*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**	**12.3**		mg/kg dry	1.51	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**102**		mg/kg dry	2.51	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.302	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.5**		mg/kg dry	0.503	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**986**		mg/kg dry	0.503	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.507	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.874**		mg/kg dry	0.0362	1	EPA 7473	06/11/2024 14:48	06/11/2024 20:58	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	1	SM 2540G	06/10/2024 12:35	06/10/2024 16:08	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-5 2-3 20240604 **York Sample ID:** 24F0413-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 2:15 pm	06/06/2024

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	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
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:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC

Sample Information

Client Sample ID: SB-5 2-3 20240604 **York Sample ID:** 24F0413-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 2:15 pm	06/06/2024

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		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-5 2-3 20240604 **York Sample ID:** 24F0413-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 2:15 pm	06/06/2024

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	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NJDEP-CT005
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:30	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*

Sample Information

Client Sample ID: SB-5 2-3 20240604 **York Sample ID:** 24F0413-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 2:15 pm	06/06/2024

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*	*110 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.7 %*			*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**	**0.060**	J	mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	**Acenaphthylene**	**0.064**	J	mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
120-12-7	**Anthracene**	**0.14**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	**Benzo(a)anthracene**	**0.52**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.48**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.42**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.29**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.37**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**0.50**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.096**	J	mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
206-44-0	**Fluoranthene**	**1.1**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								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	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.25**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								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	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.61**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	**Pyrene**	**0.97**		mg/kg dry	0.050	0.099	2	EPA 8270E	06/07/2024 08:23	06/11/2024 12:53	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.3 %*	*21-113*

Sample Information

Client Sample ID: SB-5 2-3 20240604 **York Sample ID:** 24F0413-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 2:15 pm	06/06/2024

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*	*88.2 %*			*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**	**9.25**		mg/kg dry	1.51	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**112**		mg/kg dry	2.51	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.301	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**8.34**		mg/kg dry	0.502	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**344**		mg/kg dry	0.502	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.831**		mg/kg dry	0.0361	1	EPA 7473	06/11/2024 14:48	06/11/2024 20:58	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**	**83.0**		%	0.100	1	SM 2540G	06/10/2024 12:35	06/10/2024 16:08	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-6 0.5-3 20240604 **York Sample ID:** 24F0413-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 3:10 pm	06/06/2024

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	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	BMC

Sample Information

Client Sample ID: SB-6 0.5-3 20240604 **York Sample ID:** 24F0413-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 3:10 pm	06/06/2024

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		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-6 0.5-3 20240604 **York Sample ID:** 24F0413-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 3:10 pm	06/06/2024

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	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NJDEP-CT005
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0096	0.019	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 20:58	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*

Sample Information

Client Sample ID: SB-6 0.5-3 20240604 **York Sample ID:** 24F0413-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 3:10 pm	06/06/2024

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*	*110 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*			*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	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.052**	J	mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
56-55-3	**Benzo(a)anthracene**	**0.21**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.18**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.16**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.11**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.15**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**0.19**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.42**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.098**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.22**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	**Pyrene**	**0.36**		mg/kg dry	0.046	0.092	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*

Sample Information

Client Sample ID: SB-6 0.5-3 20240604 **York Sample ID:** 24F0413-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 3:10 pm	06/06/2024

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*	*76.1 %*			*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	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	06/07/2024 08:25	06/08/2024 08:48	NF
							Certifications:			

CAS No.	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.5 %*	*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**	**8.50**		mg/kg dry	1.39	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**133**		mg/kg dry	2.32	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.447**		mg/kg dry	0.279	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**10.1**		mg/kg dry	0.465	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**202**		mg/kg dry	0.465	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6 0.5-3 20240604 **York Sample ID:** 24F0413-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 4, 2024 3:10 pm	06/06/2024

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	0.468	1	EPA 6010D	06/13/2024 13:35	06/14/2024 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**1.27**		mg/kg dry	0.0334	1	EPA 7473	06/08/2024 10:26	06/10/2024 15:28	AJL
							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**	**89.7**		%	0.100	1	SM 2540G	06/10/2024 12:35	06/10/2024 16:08	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								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	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

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	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0078**	J	mg/kg dry	0.0052	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

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	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 21:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

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	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	06/10/2024 10:49	06/10/2024 21:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*118 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*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	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

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	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.047	0.095	2	EPA 8270E	06/07/2024 08:23	06/11/2024 13:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.5 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.9 %*	*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	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

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
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	06/07/2024 08:25	06/08/2024 09:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*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**	**5.00**		mg/kg dry	1.43	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**41.1**		mg/kg dry	2.39	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.287	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**7.77**		mg/kg dry	0.478	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**63.5**		mg/kg dry	0.478	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.482	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.259**		mg/kg dry	0.0344	1	EPA 7473	06/08/2024 10:26	06/10/2024 15:28	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB-8 2.5-3.5 20240605 **York Sample ID:** 24F0413-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 9:10 am	06/06/2024

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**	**87.2**		%	0.100	1	SM 2540G	06/10/2024 12:35	06/10/2024 16:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-9 2-2.5 20240605 **York Sample ID:** 24F0413-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 10:35 am	06/06/2024

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	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								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	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-9 2-2.5 20240605 **York Sample ID:** 24F0413-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 10:35 am	06/06/2024

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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	**Benzene**	**0.010**		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-9 2-2.5 20240605 **York Sample ID:** 24F0413-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 10:35 am	06/06/2024

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0062**	J	mg/kg dry	0.0050	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-9 2-2.5 20240605 **York Sample ID:** 24F0413-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 10:35 am	06/06/2024

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NJDEP-CT005
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.5 %*	*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:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-12-7	Anthracene	ND		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.13**		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.11**		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.10**		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.069**	J	mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.087**	J	mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
218-01-9	**Chrysene**	**0.12**		mg/kg dry	0.047	0.093	2	EPA 8270E Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS 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 Certifications:	06/07/2024 08:23	06/11/2024 14:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-9 2-2.5 20240605 **York Sample ID:** 24F0413-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 10:35 am	06/06/2024

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
206-44-0	**Fluoranthene**	**0.26**		mg/kg dry	0.047	0.093	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:24	SS
								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	06/07/2024 08:23	06/11/2024 14:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.059**	J	mg/kg dry	0.047	0.093	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:24	SS
								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	06/07/2024 08:23	06/11/2024 14:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.15**		mg/kg dry	0.047	0.093	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	**Pyrene**	**0.22**		mg/kg dry	0.047	0.093	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.0 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.0 %*	*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**	**6.41**		mg/kg dry	1.41	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**52.0**		mg/kg dry	2.34	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.1**		mg/kg dry	0.469	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**45.9**		mg/kg dry	0.469	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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**	**0.223**		mg/kg dry	0.0337	1	EPA 7473	06/08/2024 10:26	06/10/2024 15:28	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Sample Information

Client Sample ID: SB-9 2-2.5 20240605 **York Sample ID:** 24F0413-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 10:35 am	06/06/2024

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	88.9		%	0.100	1	SM 2540G	06/10/2024 12:35	06/10/2024 16:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-10 0.5-3 20240605 **York Sample ID:** 24F0413-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 12:15 pm	06/06/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								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	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-10 0.5-3 20240605 **York Sample ID:** 24F0413-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 12:15 pm	06/06/2024

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	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	06/10/2024 10:49	06/10/2024 22:47	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-10 0.5-3 20240605 **York Sample ID:** 24F0413-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 12:15 pm	06/06/2024

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	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-10 0.5-3 20240605 **York Sample ID:** 24F0413-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 12:15 pm	06/06/2024

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	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	06/10/2024 10:49	06/10/2024 22:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.6 %*	*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	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.096**		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.079**	J	mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.069**	J	mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.060**	J	mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.063**	J	mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**0.099**		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-10 0.5-3 20240605 **York Sample ID:** 24F0413-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 12:15 pm	06/06/2024

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	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.21**		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.045**	J	mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
91-20-3	Naphthalene	ND		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.13**		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
129-00-0	**Pyrene**	**0.20**		mg/kg dry	0.044	0.088	2	EPA 8270E	06/07/2024 08:23	06/11/2024 14:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.7 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.5 %*	*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**	**4.85**		mg/kg dry	1.36	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**75.7**		mg/kg dry	2.26	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.78**		mg/kg dry	0.454	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**30.2**		mg/kg dry	0.454	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	06/13/2024 13:35	06/14/2024 13:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

Sample Information

Client Sample ID: SB-10 0.5-3 20240605 **York Sample ID:** 24F0413-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0413	20240228	Soil	June 5, 2024 12:15 pm	06/06/2024

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.101**		mg/kg dry	0.0326	1	EPA 7473	06/08/2024 10:26	06/10/2024 15:28	AJL
							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**	**91.9**		%	0.100	1	SM 2540G	06/10/2024 12:35	06/10/2024 16:08	HLY
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BF40454 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-02	SB-2 0.5-2 20240604	06/07/24
24F0413-02RE1	SB-2 0.5-2 20240604	06/07/24
24F0413-04	SB-4 2-3.5 20240604	06/07/24
24F0413-05	SB-5 2-3 20240604	06/07/24
24F0413-06	SB-6 0.5-3 20240604	06/07/24
24F0413-08	SB-8 2.5-3.5 20240605	06/07/24
24F0413-09	SB-9 2-2.5 20240605	06/07/24
24F0413-10	SB-10 0.5-3 20240605	06/07/24
BF40454-BLK1	Blank	06/07/24
BF40454-BS1	LCS	06/07/24
BF40454-MS1	Matrix Spike	06/07/24
BF40454-MSD1	Matrix Spike Dup	06/07/24

Batch ID: BF40455 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-06	SB-6 0.5-3 20240604	06/07/24
24F0413-08	SB-8 2.5-3.5 20240605	06/07/24
BF40455-BLK2	Blank	06/07/24
BF40455-BS2	LCS	06/07/24
BF40455-MS2	Matrix Spike	06/07/24
BF40455-MSD2	Matrix Spike Dup	06/07/24

Batch ID: BF40529 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-06	SB-6 0.5-3 20240604	06/08/24
24F0413-08	SB-8 2.5-3.5 20240605	06/08/24
24F0413-09	SB-9 2-2.5 20240605	06/08/24
24F0413-10	SB-10 0.5-3 20240605	06/08/24
BF40529-BLK1	Blank	06/08/24
BF40529-DUP1	Duplicate	06/08/24
BF40529-MS1	Matrix Spike	06/08/24
BF40529-SRM1	Reference	06/08/24

Batch ID: BF40564 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-02	SB-2 0.5-2 20240604	06/10/24
BF40564-DUP1	Duplicate	06/10/24

Batch ID: BF40567 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-04	SB-4 2-3.5 20240604	06/10/24
24F0413-05	SB-5 2-3 20240604	06/10/24
24F0413-06	SB-6 0.5-3 20240604	06/10/24
24F0413-08	SB-8 2.5-3.5 20240605	06/10/24
24F0413-09	SB-9 2-2.5 20240605	06/10/24
24F0413-10	SB-10 0.5-3 20240605	06/10/24
BF40567-DUP1	Duplicate	06/10/24

Batch ID: BF40617 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-02	SB-2 0.5-2 20240604	06/10/24
24F0413-04	SB-4 2-3.5 20240604	06/10/24
24F0413-05	SB-5 2-3 20240604	06/10/24
24F0413-06	SB-6 0.5-3 20240604	06/10/24
24F0413-08	SB-8 2.5-3.5 20240605	06/10/24
24F0413-09	SB-9 2-2.5 20240605	06/10/24
24F0413-10	SB-10 0.5-3 20240605	06/10/24
BF40617-BLK1	Blank	06/10/24
BF40617-BS1	LCS	06/10/24
BF40617-BSD1	LCS Dup	06/10/24

Batch ID: BF40706 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-02	SB-2 0.5-2 20240604	06/11/24
24F0413-04	SB-4 2-3.5 20240604	06/11/24
24F0413-05	SB-5 2-3 20240604	06/11/24
BF40706-BLK1	Blank	06/11/24
BF40706-DUP1	Duplicate	06/11/24
BF40706-MS1	Matrix Spike	06/11/24
BF40706-SRM1	Reference	06/11/24

Batch ID: BF40879 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24F0413-02	SB-2 0.5-2 20240604	06/13/24
24F0413-04	SB-4 2-3.5 20240604	06/13/24
24F0413-05	SB-5 2-3 20240604	06/13/24
24F0413-06	SB-6 0.5-3 20240604	06/13/24
24F0413-08	SB-8 2.5-3.5 20240605	06/13/24
24F0413-09	SB-9 2-2.5 20240605	06/13/24
24F0413-10	SB-10 0.5-3 20240605	06/13/24
BF40879-BLK1	Blank	06/13/24
BF40879-DUP1	Duplicate	06/13/24
BF40879-MS1	Matrix Spike	06/13/24
BF40879-PS1	Post Spike	06/13/24
BF40879-SRM1	Reference	06/13/24

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
Batch BF40617 - EPA 5035A											
Blank (BF40617-BLK1)											Prepared & Analyzed: 06/10/2024
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
Batch BF40617 - EPA 5035A											
Blank (BF40617-BLK1)								Prepared & Analyzed: 06/10/2024			
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	*55.3*		*ug/L*	*50.0*		*111*	*77-125*				
Surrogate: SURR: Toluene-d8	*55.5*		*"*	*50.0*		*111*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.2*	*76-130*				
LCS (BF40617-BS1)								Prepared & Analyzed: 06/10/2024			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	48		"	50.0		96.0	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.5	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.3	83-123				
1,1-Dichloroethane	45		"	50.0		90.3	75-130				
1,1-Dichloroethylene	53		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		99.0	81-140				
1,2,3-Trichloropropane	53		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		96.8	74-142				
1,2-Dibromoethane	54		"	50.0		108	86-123				
1,2-Dichlorobenzene	52		"	50.0		104	85-122				
1,2-Dichloroethane	49		"	50.0		98.9	71-133				
1,2-Dichloropropane	52		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		107	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	51		"	50.0		101	84-124				
1,4-Dioxane	960		"	1050		91.2	10-228				
2-Butanone	46		"	50.0		91.1	58-147				
2-Hexanone	72		"	50.0		145	70-139	High Bias			
4-Methyl-2-pentanone	73		"	50.0		147	72-132	High Bias			
Acetone	50		"	50.0		100	36-155				
Acrolein	28		"	50.0		55.7	10-238				
Acrylonitrile	57		"	50.0		114	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
Batch BF40617 - EPA 5035A											
LCS (BF40617-BS1)								Prepared & Analyzed: 06/10/2024			
Benzene	45		ug/L	50.0		89.2	77-127				
Bromochloromethane	60		"	50.0		121	74-129				
Bromodichloromethane	50		"	50.0		99.8	81-124				
Bromoform	47		"	50.0		95.0	80-136				
Bromomethane	90		"	50.0		181	32-177	High Bias			
Carbon disulfide	43		"	50.0		86.4	10-136				
Carbon tetrachloride	54		"	50.0		109	66-143				
Chlorobenzene	51		"	50.0		101	86-120				
Chloroethane	75		"	50.0		150	51-142	High Bias			
Chloroform	43		"	50.0		86.8	76-131				
Chloromethane	60		"	50.0		121	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		98.7	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.7	81-129				
Cyclohexane	56		"	50.0		112	70-130				
Dibromochloromethane	56		"	50.0		113	10-200				
Dibromomethane	49		"	50.0		98.9	83-124				
Dichlorodifluoromethane	51		"	50.0		102	28-158				
Ethyl Benzene	53		"	50.0		105	84-125				
Hexachlorobutadiene	46		"	50.0		91.0	83-133				
Isopropylbenzene	51		"	50.0		101	81-127				
Methyl acetate	64		"	50.0		128	41-143				
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.1	74-131				
Methylcyclohexane	51		"	50.0		102	70-130				
Methylene chloride	58		"	50.0		117	57-141				
n-Butylbenzene	55		"	50.0		110	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	50		"	50.0		99.9	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	52		"	50.0		105	85-125				
sec-Butylbenzene	51		"	50.0		102	83-125				
Styrene	49		"	50.0		98.9	86-126				
tert-Butyl alcohol (TBA)	230		"	250		90.2	70-130				
tert-Butylbenzene	50		"	50.0		99.1	80-127				
Tetrachloroethylene	45		"	50.0		89.9	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	44		"	50.0		87.7	78-132				
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135				
Trichloroethylene	50		"	50.0		99.4	84-123				
Trichlorofluoromethane	67		"	50.0		135	62-140				
Vinyl Chloride	61		"	50.0		121	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.9*		*"*	*50.0*		*112*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.6*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*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 BF40617 - EPA 5035A											
LCS Dup (BF40617-BSD1)							Prepared & Analyzed: 06/10/2024				
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		113	75-129		0.336	30	
1,1,1-Trichloroethane	49		"	50.0		97.5	71-137		1.57	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		109	79-129		1.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.3	58-146		1.19	30	
1,1,2-Trichloroethane	50		"	50.0		101	83-123		1.72	30	
1,1-Dichloroethane	46		"	50.0		91.5	75-130		1.32	30	
1,1-Dichloroethylene	50		"	50.0		100	64-137		6.26	30	
1,2,3-Trichlorobenzene	51		"	50.0		101	81-140		2.40	30	
1,2,3-Trichloropropane	54		"	50.0		108	81-126		1.03	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		0.559	30	
1,2,4-Trimethylbenzene	56		"	50.0		111	84-125		2.22	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		99.0	74-142		2.21	30	
1,2-Dibromoethane	55		"	50.0		110	86-123		1.87	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-122		1.91	30	
1,2-Dichloroethane	50		"	50.0		101	71-133		1.78	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		0.894	30	
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126		2.36	30	
1,3-Dichlorobenzene	53		"	50.0		105	84-124		3.02	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		2.87	30	
1,4-Dioxane	1000		"	1050		96.3	10-228		5.47	30	
2-Butanone	45		"	50.0		89.4	58-147		1.86	30	
2-Hexanone	73		"	50.0		146	70-139	High Bias	0.947	30	
4-Methyl-2-pentanone	75		"	50.0		150	72-132	High Bias	2.37	30	
Acetone	49		"	50.0		98.3	36-155		1.95	30	
Acrolein	27		"	50.0		53.7	10-238		3.69	30	
Acrylonitrile	58		"	50.0		116	66-141		1.53	30	
Benzene	45		"	50.0		89.9	77-127		0.804	30	
Bromochloromethane	60		"	50.0		121	74-129		0.166	30	
Bromodichloromethane	50		"	50.0		101	81-124		1.16	30	
Bromoform	47		"	50.0		94.1	80-136		0.867	30	
Bromomethane	91		"	50.0		183	32-177	High Bias	1.09	30	
Carbon disulfide	44		"	50.0		87.8	10-136		1.61	30	
Carbon tetrachloride	55		"	50.0		109	66-143		0.752	30	
Chlorobenzene	51		"	50.0		103	86-120		1.35	30	
Chloroethane	75		"	50.0		150	51-142	High Bias	0.0266	30	
Chloroform	44		"	50.0		87.7	76-131		0.940	30	
Chloromethane	60		"	50.0		121	49-132		0.265	30	
cis-1,2-Dichloroethylene	50		"	50.0		100	74-132		1.41	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.9	81-129		1.15	30	
Cyclohexane	57		"	50.0		114	70-130		1.72	30	
Dibromochloromethane	57		"	50.0		113	10-200		0.655	30	
Dibromomethane	50		"	50.0		100	83-124		1.11	30	
Dichlorodifluoromethane	51		"	50.0		102	28-158		0.294	30	
Ethyl Benzene	53		"	50.0		107	84-125		1.40	30	
Hexachlorobutadiene	46		"	50.0		92.2	83-133		1.22	30	
Isopropylbenzene	52		"	50.0		104	81-127		2.94	30	
Methyl acetate	63		"	50.0		126	41-143		1.89	30	
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.9	74-131		0.970	30	
Methylcyclohexane	51		"	50.0		103	70-130		0.625	30	
Methylene chloride	59		"	50.0		119	57-141		1.83	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
Batch BF40617 - EPA 5035A											
LCS Dup (BF40617-BSD1)								Prepared & Analyzed: 06/10/2024			
n-Butylbenzene	56		ug/L	50.0		113	80-130		2.08	30	
n-Propylbenzene	53		"	50.0		107	74-136		3.27	30	
o-Xylene	51		"	50.0		102	83-123		2.08	30	
p- & m- Xylenes	110		"	100		107	82-128		1.51	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		3.66	30	
sec-Butylbenzene	52		"	50.0		105	83-125		3.08	30	
Styrene	51		"	50.0		101	86-126		2.30	30	
tert-Butyl alcohol (TBA)	200		"	250		81.9	70-130		9.66	30	
tert-Butylbenzene	51		"	50.0		102	80-127		2.94	30	
Tetrachloroethylene	46		"	50.0		91.6	80-129		1.83	30	
Toluene	51		"	50.0		102	85-121		0.825	30	
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132		0.0199	30	
trans-1,3-Dichloropropylene	44		"	50.0		88.1	78-132		0.455	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	75-135		0.484	30	
Trichloroethylene	50		"	50.0		99.3	84-123		0.0201	30	
Trichlorofluoromethane	68		"	50.0		137	62-140		1.37	30	
Vinyl Chloride	62		"	50.0		125	52-130		2.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.3*		*"*	*50.0*		*113*	*77-125*				
Surrogate: SURR: Toluene-d8	*55.2*		*"*	*50.0*		*110*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.9*	*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
Batch BF40454 - EPA 3550C											
Blank (BF40454-BLK1)											Prepared: 06/07/2024 Analyzed: 06/10/2024
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	*0.73*		*"*	*0.831*		*87.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.62*		*"*	*0.831*		*74.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.67*		*"*	*0.831*		*80.5*	*24-116*				
LCS (BF40454-BS1)											Prepared: 06/07/2024 Analyzed: 06/10/2024
Acenaphthene	0.65	0.042	mg/kg wet	0.831		77.7	17-124				
Acenaphthylene	0.59	0.042	"	0.831		70.5	16-124				
Anthracene	0.66	0.042	"	0.831		79.0	24-124				
Benzo(a)anthracene	0.71	0.042	"	0.831		86.1	25-134				
Benzo(a)pyrene	0.70	0.042	"	0.831		84.7	29-144				
Benzo(b)fluoranthene	0.74	0.042	"	0.831		89.2	20-151				
Benzo(g,h,i)perylene	0.70	0.042	"	0.831		84.5	10-153				
Benzo(k)fluoranthene	0.68	0.042	"	0.831		82.2	10-148				
Chrysene	0.67	0.042	"	0.831		80.2	24-116				
Dibenzo(a,h)anthracene	0.73	0.042	"	0.831		87.6	17-147				
Fluoranthene	0.67	0.042	"	0.831		80.7	36-125				
Fluorene	0.68	0.042	"	0.831		81.9	16-130				
Indeno(1,2,3-cd)pyrene	1.0	0.042	"	0.831		123	10-155				
Naphthalene	0.65	0.042	"	0.831		78.1	20-121				
Phenanthrene	0.65	0.042	"	0.831		78.8	24-123				
Pyrene	0.68	0.042	"	0.831		81.9	24-132				
Surrogate: SURR: Nitrobenzene-d5	*0.72*		*"*	*0.831*		*86.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.60*		*"*	*0.831*		*72.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.65*		*"*	*0.831*		*78.6*	*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
Batch BF40454 - EPA 3550C											
Matrix Spike (BF40454-MS1)	*Source sample: 24F0322-01 (Matrix Spike)								Prepared: 06/07/2024 Analyzed: 06/10/2024		
Acenaphthene	0.41	0.084	mg/kg dry	0.837	ND	48.6	13-133				
Acenaphthylene	0.34	0.084	"	0.837	ND	41.0	25-125				
Anthracene	0.39	0.084	"	0.837	ND	47.0	27-128				
Benzo(a)anthracene	0.46	0.084	"	0.837	ND	54.8	20-147				
Benzo(a)pyrene	0.43	0.084	"	0.837	ND	51.6	18-153				
Benzo(b)fluoranthene	0.46	0.084	"	0.837	ND	55.4	10-163				
Benzo(g,h,i)perylene	0.43	0.084	"	0.837	ND	50.9	10-157				
Benzo(k)fluoranthene	0.42	0.084	"	0.837	ND	50.5	10-157				
Chrysene	0.41	0.084	"	0.837	ND	49.4	18-133				
Dibenzo(a,h)anthracene	0.43	0.084	"	0.837	ND	51.7	10-146				
Fluoranthene	0.43	0.084	"	0.837	ND	51.0	10-155				
Fluorene	0.41	0.084	"	0.837	ND	48.8	12-150				
Indeno(1,2,3-cd)pyrene	0.62	0.084	"	0.837	ND	73.6	10-155				
Naphthalene	0.40	0.084	"	0.837	ND	47.6	15-132				
Phenanthrene	0.42	0.084	"	0.837	ND	50.3	10-151				
Pyrene	0.42	0.084	"	0.837	ND	50.4	13-148				
Surrogate: SURR: Nitrobenzene-d5	*0.39*		*"*	*0.837*		*47.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.35*		*"*	*0.837*		*41.8*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.38*		*"*	*0.837*		*45.0*	*24-116*				
Matrix Spike Dup (BF40454-MSD1)	*Source sample: 24F0322-01 (Matrix Spike Dup)								Prepared: 06/07/2024 Analyzed: 06/10/2024		
Acenaphthene	0.39	0.084	mg/kg dry	0.837	ND	46.4	13-133		4.55	30	
Acenaphthylene	0.34	0.084	"	0.837	ND	40.7	25-125		0.588	30	
Anthracene	0.39	0.084	"	0.837	ND	47.0	27-128		0.00	30	
Benzo(a)anthracene	0.45	0.084	"	0.837	ND	54.2	20-147		1.03	30	
Benzo(a)pyrene	0.42	0.084	"	0.837	ND	50.0	18-153		3.15	30	
Benzo(b)fluoranthene	0.43	0.084	"	0.837	ND	51.8	10-163		6.71	30	
Benzo(g,h,i)perylene	0.40	0.084	"	0.837	ND	47.5	10-157		6.83	30	
Benzo(k)fluoranthene	0.42	0.084	"	0.837	ND	49.8	10-157		1.44	30	
Chrysene	0.40	0.084	"	0.837	ND	47.5	18-133		3.96	30	
Dibenzo(a,h)anthracene	0.42	0.084	"	0.837	ND	49.8	10-146		3.62	30	
Fluoranthene	0.43	0.084	"	0.837	ND	51.0	10-155		0.00	30	
Fluorene	0.40	0.084	"	0.837	ND	47.8	12-150		2.15	30	
Indeno(1,2,3-cd)pyrene	0.58	0.084	"	0.837	ND	68.9	10-155		6.63	30	
Naphthalene	0.39	0.084	"	0.837	ND	47.1	15-132		1.01	30	
Phenanthrene	0.41	0.084	"	0.837	ND	48.8	10-151		3.07	30	
Pyrene	0.43	0.084	"	0.837	ND	51.3	13-148		1.73	30	
Surrogate: SURR: Nitrobenzene-d5	*0.39*		*"*	*0.837*		*46.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.36*		*"*	*0.837*		*42.6*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*0.40*		*"*	*0.837*		*47.3*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40455 - EPA 3550C											
Blank (BF40455-BLK2)											Prepared: 06/07/2024 Analyzed: 06/08/2024
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	*0.0542*		*"*	*0.0664*		*81.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0399*		*"*	*0.0664*		*60.0*	*30-140*				
LCS (BF40455-BS2)											Prepared: 06/07/2024 Analyzed: 06/08/2024
Aroclor 1016	0.271	0.0166	mg/kg wet	0.332		81.5	40-130				
Aroclor 1260	0.278	0.0166	"	0.332		83.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0512*		*"*	*0.0664*		*77.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0389*		*"*	*0.0664*		*58.5*	*30-140*				
Matrix Spike (BF40455-MS2)	*Source sample: 24F0407-05 (Matrix Spike)										Prepared: 06/07/2024 Analyzed: 06/08/2024
Aroclor 1016	0.101	0.0176	mg/kg dry	0.352	ND	28.6	40-140	Low Bias			
Aroclor 1260	0.185	0.0176	"	0.352	ND	52.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0500*		*"*	*0.0705*		*71.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0391*		*"*	*0.0705*		*55.5*	*30-140*				
Matrix Spike Dup (BF40455-MSD2)	*Source sample: 24F0407-05 (Matrix Spike Dup)										Prepared: 06/07/2024 Analyzed: 06/08/2024
Aroclor 1016	0.0940	0.0176	mg/kg dry	0.352	ND	26.7	40-140	Low Bias	7.09	50	
Aroclor 1260	0.179	0.0176	"	0.352	ND	50.7	40-140		3.41	50	
Surrogate: Tetrachloro-m-xylene	*0.0504*		*"*	*0.0705*		*71.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0377*		*"*	*0.0705*		*53.5*	*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
Batch BF40879 - EPA 3050B											
Blank (BF40879-BLK1)									Prepared: 06/13/2024 Analyzed: 06/14/2024		
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 (BF40879-DUP1)	*Source sample: 24F0415-01 (Duplicate)								Prepared: 06/13/2024 Analyzed: 06/14/2024		
Arsenic	10.8	1.84	mg/kg dry		10.5				2.73	35	
Barium	73.8	3.06	"		86.7				16.1	35	
Cadmium	ND	0.368	"		0.381					35	
Chromium	13.7	0.614	"		14.5				5.83	35	
Lead	366	0.614	"		358				2.31	35	
Selenium	ND	3.07	"		ND					35	
Silver	ND	0.618	"		ND					35	
Matrix Spike (BF40879-MS1)	*Source sample: 24F0415-01 (Matrix Spike)								Prepared: 06/13/2024 Analyzed: 06/14/2024		
Arsenic	207	1.84	mg/kg dry	245	10.5	80.0	75-125				
Barium	277	3.06	"	245	86.7	77.6	75-125				
Cadmium	5.15	0.368	"	6.14	0.381	77.7	75-125				
Chromium	32.5	0.614	"	24.5	14.5	73.2	75-125	Low Bias			
Lead	388	0.614	"	61.4	358	50.1	75-125	Low Bias			
Selenium	200	3.07	"	245	ND	81.7	75-125				
Silver	2.95	0.618	"	6.14	ND	48.1	75-125	Low Bias			
Post Spike (BF40879-PS1)	*Source sample: 24F0415-01 (Post Spike)								Prepared: 06/13/2024 Analyzed: 06/14/2024		
Arsenic	2.04		mg/L	2.00	0.085	97.6	75-125				
Barium	2.75		"	2.00	0.706	102	75-125				
Cadmium	0.050		"	0.0500	0.003	93.8	75-125				
Chromium	0.313		"	0.200	0.118	97.2	75-125				
Lead	3.28		"	0.500	2.91	73.2	75-125	Low Bias			
Selenium	2.00		"	2.00	0.022	98.9	75-125				
Silver	0.039		"	0.0500	-0.017	78.8	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
Batch BF40879 - EPA 3050B											
Reference (BF40879-SRM1)											Prepared: 06/13/2024 Analyzed: 06/14/2024
Arsenic	288	1.25	mg/kg wet	360		80.0	70.6-102.2				
Barium	292	2.08	"	332		88.1	75-108.1				
Cadmium	203	0.250	"	238		85.4	73.5-105				
Chromium	170	0.417	"	199		85.6	73.4-107				
Lead	82.8	0.417	"	100		82.8	75.9-110				
Selenium	156	2.08	"	170		91.5	78.2-115.9				
Silver	67.4	0.420	"	88.6		76.1	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 BF40529 - EPA 7473 soil											
Blank (BF40529-BLK1)								Prepared: 06/08/2024 Analyzed: 06/10/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF40529-DUP1)	*Source sample: 24F0233-01 (Duplicate)							Prepared: 06/08/2024 Analyzed: 06/10/2024			
Mercury	ND	0.0362	mg/kg dry		ND					35	
Matrix Spike (BF40529-MS1)	*Source sample: 24F0233-01 (Matrix Spike)							Prepared: 06/08/2024 Analyzed: 06/10/2024			
Mercury	0.442		mg/kg	0.500	0.00420	87.6	75-125				
Reference (BF40529-SRM1)								Prepared: 06/08/2024 Analyzed: 06/10/2024			
Mercury	19.062		mg/kg	18.2		105	59.9-140.1				
Batch BF40706 - EPA 7473 soil											
Blank (BF40706-BLK1)								Prepared & Analyzed: 06/11/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF40706-DUP1)	*Source sample: 24F0405-01 (Duplicate)							Prepared & Analyzed: 06/11/2024			
Mercury	0.0832	0.0333	mg/kg dry		0.0529				44.5	35	Non-dir.
Matrix Spike (BF40706-MS1)	*Source sample: 24F0405-01 (Matrix Spike)							Prepared & Analyzed: 06/11/2024			
Mercury	0.386		mg/kg	0.500	0.0477	67.6	75-125	Low Bias			
Reference (BF40706-SRM1)								Prepared & Analyzed: 06/11/2024			
Mercury	17.627		mg/kg	18.2		96.8	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
Batch BF40564 - % Solids Prep											
Duplicate (BF40564-DUP1)	*Source sample: 24F0405-02 (Duplicate)							Prepared & Analyzed: 06/10/2024			
% Solids	95.0	0.100	%		95.4				0.463	20	
Batch BF40567 - % Solids Prep											
Duplicate (BF40567-DUP1)	*Source sample: 24F0433-01 (Duplicate)							Prepared & Analyzed: 06/10/2024			
% Solids	95.3	0.100	%		95.1				0.205	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0413-02	SB-2 0.5-2 20240604	40mL Vial with Stir Bar-Cool 4° C
24F0413-04	SB-4 2-3.5 20240604	40mL Vial with Stir Bar-Cool 4° C
24F0413-05	SB-5 2-3 20240604	40mL Vial with Stir Bar-Cool 4° C
24F0413-06	SB-6 0.5-3 20240604	40mL Vial with Stir Bar-Cool 4° C
24F0413-08	SB-8 2.5-3.5 20240605	40mL Vial with Stir Bar-Cool 4° C
24F0413-09	SB-9 2-2.5 20240605	40mL Vial with Stir Bar-Cool 4° C
24F0413-10	SB-10 0.5-3 20240605	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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 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: 24F0413

Page 1 of 1

Report To:	Invoice To:	YOUR Project Name / Number
Company: PVE ENGINEERING	Company: SAME	20240228
Address: 48 SPRINGSIDE AVE POUGHKEEPSIE, NY 12603	Address:	PO Number
Phone.: 845-454-1544	Phone.:	20240228
Contact: A. SPADAVECCHIA	Contact: TARA ALVARADO	
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	

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

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY X; NJ; CT; PA; Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; 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): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site Standard Excel; CMDP; Other:

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

Preservative (please list number of containers)

Analyses Requested: TCL VOCs via USEPA 8260; CP-51 SVOCs via USEPA 8270; RCRA Metals via 6010/7473; PCBs via USEPA 8082

	Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs	CP-51 SVOCs	RCRA Metals	PCBs	Grab or Comp. G/C
*	SB-1 14-16 20240604	6-4-24	0935	S											1	1	1		
	SB-2 0.5-2 20240604		1135	S											1	1	1		
*	SB-3 6-8 20240604		1230	S											1	1	1		
	SB-4 2-3.5 20240604		1300	S											1	1	1		
*	SB-5 2-3 20240604		1415	S											1	1	1	1	
	SB-6 0.5-3 20240604	↓	1510	S											1	1	1	1	
*	SB-7 7-9 20240605	6-5-24	0825	S											1	1	1		
	SB-8 2.5-3.5 20240605		0910	S											1	1	1	1	
*	SB-9 2-2.5 20240605		1035	S											1	1	1	1	
	SB-10 0.5-3 20240605	↓	1215	S											1	1	1		

Field Filtered

Lab Filtered

Comments: *PLEASE HOLD SAMPLE IDs: SB-1 14-16 20240604; SB-3 6-8 20240604; ↓ SB-7 7-9 20240604.

*PLEASE DISCARD PCB ANALYSIS ON SAMPLE IDs: SB-5 AND SB-9

Samples iced/chilled at time of lab pickup? circle Yes or No

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

1. Samples Relinquished by / Company: PVE — Date/Time: 06-06-24 10:25	1. Samples Received by / Company: Chris C — Date/Time: 6-6-24 10.25	2. Samples Relinquished by / Company: Chris C — Date/Time: 6-6-24 1320	
2. Samples Received by / Company — Date/Time	3. Samples Relinquished by / Company — Date/Time	3. Samples Received by / Company — Date/Time	
4. Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by: — Date/Time: 6/6/24 13:20	Temperature Degrees C: 2.8

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Report Date: 06/17/2024
Client Project ID: 20240228
York Project (SDG) No.: 24F0432

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

Report Date: 06/17/2024
Client Project ID: 20240228
York Project (SDG) No.: 24F0432

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

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 07, 2024 and listed below. The project was identified as your project: **20240228**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24F0432-01	SV-1 20240604	Soil Vapor	06/04/2024	06/07/2024
24F0432-02	SV-2 20240604	Soil Vapor	06/04/2024	06/07/2024
24F0432-03	SV-3 20240604	Soil Vapor	06/04/2024	06/07/2024
24F0432-04	SV-4 20240604	Soil Vapor	06/04/2024	06/07/2024
24F0432-05	SSV-1 20240605	Soil Vapor	06/05/2024	06/07/2024
24F0432-06	SSV-2 20240605	Soil Vapor	06/05/2024	06/07/2024

General Notes for York Project (SDG) No.: 24F0432

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

Cassie L. Mosher
Laboratory Manager

Date: 06/17/2024

Sample Information

Client Sample ID: SV-1 20240604 **York Sample ID:** 24F0432-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:50 am	06/07/2024

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**	**2.26**		ug/m³	1.41	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:			

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/m³	4.1	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.3	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.1	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.6	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.3	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.4	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.60	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.5	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**24**		ug/m³	3.0	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.6	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.6	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.4	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.8	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.2	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**5.6**		ug/m³	3.0	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-1 20240604 **York Sample ID:** 24F0432-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:50 am	06/07/2024

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
106-99-0	1,3-Butadiene	ND		ug/m³	4.0	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.6	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.8	6.04	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 05:23	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.6	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
123-91-1	1,4-Dioxane	ND		ug/m³	4.4	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
78-93-3	**2-Butanone**	**5.2**		ug/m³	1.8	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
591-78-6	* 2-Hexanone	ND		ug/m³	4.9	6.04	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 05:23	DRP
107-05-1	3-Chloropropene	ND		ug/m³	9.5	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.5	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
67-64-1	**Acetone**	**320**		ug/m³	2.9	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
107-13-1	Acrylonitrile	ND		ug/m³	1.3	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
71-43-2	**Benzene**	**3.9**		ug/m³	1.9	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
100-44-7	Benzyl chloride	ND		ug/m³	3.1	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
75-27-4	Bromodichloromethane	ND		ug/m³	4.0	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
75-25-2	Bromoform	ND		ug/m³	6.2	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
74-83-9	Bromomethane	ND		ug/m³	2.3	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
75-15-0	**Carbon disulfide**	**2.8**		ug/m³	1.9	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
56-23-5	Carbon tetrachloride	ND		ug/m³	0.95	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
108-90-7	Chlorobenzene	ND		ug/m³	2.8	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP

Sample Information

Client Sample ID: SV-1 20240604 **York Sample ID:** 24F0432-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:50 am	06/07/2024

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
75-00-3	Chloroethane	ND		ug/m³	1.6	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
67-66-3	Chloroform	ND		ug/m³	2.9	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
74-87-3	Chloromethane	ND		ug/m³	1.2	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.60	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.7	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
110-82-7	**Cyclohexane**	**4.4**		ug/m³	2.1	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
124-48-1	Dibromochloromethane	ND		ug/m³	5.1	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
75-71-8	**Dichlorodifluoromethane**	**3.0**		ug/m³	3.0	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
141-78-6	* Ethyl acetate	ND		ug/m³	4.4	6.04	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 05:23	DRP
100-41-4	**Ethyl Benzene**	**41**		ug/m³	2.6	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m³	6.4	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
67-63-0	Isopropanol	ND		ug/m³	3.0	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
80-62-6	Methyl Methacrylate	ND		ug/m³	2.5	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.2	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
75-09-2	Methylene chloride	ND		ug/m³	4.2	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
91-20-3	* Naphthalene	ND		ug/m³	6.3	6.04	EPA TO-15 Certifications: NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
142-82-5	**n-Heptane**	**6.4**		ug/m³	2.5	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
110-54-3	**n-Hexane**	**10**		ug/m³	2.1	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
95-47-6	**o-Xylene**	**18**		ug/m³	2.6	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP
179601-23-1	**p- & m- Xylenes**	**45**		ug/m³	5.2	6.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 05:23	DRP

Sample Information

Client Sample ID: SV-1 20240604 **York Sample ID:** 24F0432-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:50 am	06/07/2024

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
622-96-8	* **p-Ethyltoluene**	**24**		ug/m³	3.0	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	1.0	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.6	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**27**		ug/m³	4.1	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.6	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:			
108-88-3	**Toluene**	**32**		ug/m³	2.3	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.4	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.7	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.81	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**6.8**		ug/m³	3.4	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	2.1	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	2.6	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.77	6.04	EPA TO-15	06/13/2024 12:00	06/14/2024 05:23	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-2 20240604 **York Sample ID:** 24F0432-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:54 am	06/07/2024

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**	**3.71**		ug/m³	0.742	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications:			

Sample Information

Client Sample ID: SV-2 20240604 **York Sample ID:** 24F0432-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:54 am	06/07/2024

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/m³	2.2	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.7	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.2	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.4	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.7	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.3	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.31	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.4	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
95-63-6	**1,2,4-Trimethylbenzene**	**35**		ug/m³	1.6	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.4	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.9	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.3	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.2	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
108-67-8	**1,3,5-Trimethylbenzene**	**7.8**		ug/m³	1.6	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
106-99-0	**1,3-Butadiene**	**3.4**		ug/m³	2.1	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.9	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP

Sample Information

Client Sample ID: SV-2 20240604 **York Sample ID:** 24F0432-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:54 am	06/07/2024

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/m³	2.3	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
78-93-3	**2-Butanone**	**6.7**		ug/m³	0.94	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
591-78-6	*** 2-Hexanone**	**3.4**		ug/m³	2.6	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP
107-05-1	3-Chloropropene	ND		ug/m³	5.0	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.3	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
67-64-1	**Acetone**	**280**		ug/m³	1.5	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
107-13-1	Acrylonitrile	ND		ug/m³	0.69	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
71-43-2	**Benzene**	**8.1**		ug/m³	1.0	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
100-44-7	**Benzyl chloride**	**2.5**		ug/m³	1.6	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
75-27-4	Bromodichloromethane	ND		ug/m³	2.1	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
75-25-2	Bromoform	ND		ug/m³	3.3	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
74-83-9	Bromomethane	ND		ug/m³	1.2	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
75-15-0	**Carbon disulfide**	**3.0**		ug/m³	0.99	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
56-23-5	**Carbon tetrachloride**	**7.4**		ug/m³	0.50	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
108-90-7	Chlorobenzene	ND		ug/m³	1.5	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
75-00-3	Chloroethane	ND		ug/m³	0.84	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
67-66-3	Chloroform	ND		ug/m³	1.6	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
74-87-3	Chloromethane	ND		ug/m³	0.66	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.31	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.4	3.176	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 06:13	DRP

Sample Information

Client Sample ID: SV-2 20240604 **York Sample ID:** 24F0432-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:54 am	06/07/2024

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
110-82-7	**Cyclohexane**	**15**		ug/m³	1.1	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
124-48-1	Dibromochloromethane	ND		ug/m³	2.7	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
75-71-8	**Dichlorodifluoromethane**	**3.5**		ug/m³	1.6	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
141-78-6	* Ethyl acetate	ND		ug/m³	2.3	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP
100-41-4	**Ethyl Benzene**	**54**		ug/m³	1.4	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.4	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
67-63-0	Isopropanol	ND		ug/m³	1.6	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
80-62-6	Methyl Methacrylate	ND		ug/m³	1.3	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
75-09-2	Methylene chloride	ND		ug/m³	2.2	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
91-20-3	* Naphthalene	ND		ug/m³	3.3	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NJDEP-NY037	DRP
142-82-5	**n-Heptane**	**28**		ug/m³	1.3	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
110-54-3	**n-Hexane**	**46**		ug/m³	1.1	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
95-47-6	**o-Xylene**	**25**		ug/m³	1.4	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
179601-23-1	**p- & m- Xylenes**	**62**		ug/m³	2.8	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
622-96-8	*** p-Ethyltoluene**	**36**		ug/m³	1.6	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP
115-07-1	* Propylene	ND		ug/m³	0.55	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP
100-42-5	**Styrene**	**1.8**		ug/m³	1.4	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
127-18-4	**Tetrachloroethylene**	**17**		ug/m³	2.2	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13 NELAC-NY12058,NJDEP-NY037	DRP
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.9	3.176	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 06:13	DRP

Sample Information

Client Sample ID: SV-2 20240604 **York Sample ID:** 24F0432-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 10:54 am	06/07/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**47**		ug/m³	1.2	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**0.51**		ug/m³	0.43	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.9**		ug/m³	1.8	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	1.1	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	1.4	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	**Vinyl Chloride**	**0.49**		ug/m³	0.41	3.176	EPA TO-15	06/13/2024 12:00	06/14/2024 06:13	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-3 20240604 **York Sample ID:** 24F0432-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:18 am	06/07/2024

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**	**4.52**		ug/m³	3.77	16.13	EPA TO-15	06/09/2024 10:00	06/11/2024 03:41	YR
							Certifications:			

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/m³	11	16.13	EPA TO-15	06/09/2024 10:00	06/11/2024 03:41	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.8	16.13	EPA TO-15	06/09/2024 10:00	06/11/2024 03:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	16.13	EPA TO-15	06/09/2024 10:00	06/11/2024 03:41	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV-3 20240604 **York Sample ID:** 24F0432-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:18 am	06/07/2024

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.8	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.5	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	12	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
95-63-6	**1,2,4-Trimethylbenzene**	**36**		ug/m³	7.9	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	12	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.7	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.5	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.5	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
108-67-8	**1,3,5-Trimethylbenzene**	**8.7**		ug/m³	7.9	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.7	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.5	16.13	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 03:41	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.7	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
78-93-3	**2-Butanone**	**10**		ug/m³	4.8	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
591-78-6	* 2-Hexanone	ND		ug/m³	13	16.13	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 03:41	YR

Sample Information

Client Sample ID: SV-3 20240604 **York Sample ID:** 24F0432-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:18 am	06/07/2024

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
107-05-1	3-Chloropropene	ND		ug/m³	25	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.6	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
67-64-1	**Acetone**	**530**	B	ug/m³	19	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
107-13-1	**Acrylonitrile**	**5.3**		ug/m³	3.5	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
71-43-2	**Benzene**	**17**		ug/m³	5.2	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
100-44-7	Benzyl chloride	ND		ug/m³	8.4	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-25-2	Bromoform	ND		ug/m³	17	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
74-83-9	Bromomethane	ND	TO-LCS-L	ug/m³	6.3	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-15-0	Carbon disulfide	ND		ug/m³	5.0	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	2.5	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
108-90-7	Chlorobenzene	ND		ug/m³	7.4	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-00-3	Chloroethane	ND	TO-CCV, TO-LCS-L	ug/m³	4.3	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
67-66-3	Chloroform	ND		ug/m³	7.9	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
74-87-3	Chloromethane	ND		ug/m³	3.3	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
156-59-2	**cis-1,2-Dichloroethylene**	**4.5**		ug/m³	1.6	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.3	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
110-82-7	**Cyclohexane**	**8.9**		ug/m³	5.6	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR

Sample Information

Client Sample ID: SV-3 20240604 **York Sample ID:** 24F0432-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:18 am	06/07/2024

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
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.0	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.13	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 03:41	YR
100-41-4	**Ethyl Benzene**	**66**		ug/m³	7.0	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
87-68-3	Hexachlorobutadiene	ND	TO-LC S-L	ug/m³	17	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
67-63-0	Isopropanol	ND		ug/m³	7.9	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	6.6	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.8	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-09-2	Methylene chloride	ND		ug/m³	11	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m³	17	16.13	EPA TO-15 Certifications: NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
142-82-5	**n-Heptane**	**28**		ug/m³	6.6	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
110-54-3	**n-Hexane**	**39**		ug/m³	5.7	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
95-47-6	**o-Xylene**	**27**		ug/m³	7.0	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
179601-23-1	**p- & m- Xylenes**	**73**		ug/m³	14	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
622-96-8	*** p-Ethyltoluene**	**35**		ug/m³	7.9	16.13	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 03:41	YR
115-07-1	* Propylene	ND		ug/m³	2.8	16.13	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 03:41	YR
100-42-5	Styrene	ND		ug/m³	6.9	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
127-18-4	**Tetrachloroethylene**	**4900**		ug/m³	22	32.26	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/14/2024 07:03	DRP
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.5	16.13	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 03:41	YR
108-88-3	**Toluene**	**58**		ug/m³	6.1	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
156-60-5	**trans-1,2-Dichloroethylene**	**17**		ug/m³	6.4	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR

Sample Information

Client Sample ID: SV-3 20240604 **York Sample ID:** 24F0432-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:18 am	06/07/2024

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.3	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
79-01-6	**Trichloroethylene**	**100**	TO-LC S-L	ug/m³	2.2	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**13**		ug/m³	9.1	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
108-05-4	Vinyl acetate	ND	TO-LC S-L	ug/m³	5.7	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
593-60-2	Vinyl bromide	ND		ug/m³	7.1	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR
75-01-4	Vinyl Chloride	ND		ug/m³	2.1	16.13	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 03:41	YR

Sample Information

Client Sample ID: SV-4 20240604 **York Sample ID:** 24F0432-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:24 am	06/07/2024

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**	**4.95**		ug/m³	3.54	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR

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/m³	10	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.3	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	10	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR

Sample Information

Client Sample ID: SV-4 20240604 **York Sample ID:** 24F0432-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:24 am	06/07/2024

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.3	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.1	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	11	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
95-63-6	**1,2,4-Trimethylbenzene**	**36**		ug/m³	7.4	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	12	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.1	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.1	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.0	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
108-67-8	**1,3,5-Trimethylbenzene**	**8.2**		ug/m³	7.4	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
106-99-0	1,3-Butadiene	ND		ug/m³	10	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.1	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.0	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.1	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
123-91-1	1,4-Dioxane	ND		ug/m³	11	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
78-93-3	**2-Butanone**	**14**		ug/m³	4.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
591-78-6	* 2-Hexanone	ND		ug/m³	12	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
107-05-1	3-Chloropropene	ND		ug/m³	24	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR

Sample Information

Client Sample ID: SV-4 20240604 **York Sample ID:** 24F0432-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:24 am	06/07/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.2	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
67-64-1	**Acetone**	**540**	B	ug/m³	18	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.3	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
71-43-2	**Benzene**	**390**		ug/m³	4.8	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
100-44-7	**Benzyl chloride**	**10**		ug/m³	7.8	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-27-4	**Bromodichloromethane**	**13**		ug/m³	10	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-25-2	Bromoform	ND		ug/m³	16	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
74-83-9	Bromomethane	ND	TO-LC S-L	ug/m³	5.9	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-15-0	Carbon disulfide	ND		ug/m³	4.7	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	2.4	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
108-90-7	Chlorobenzene	ND		ug/m³	7.0	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-00-3	Chloroethane	ND	TO-CC V, TO-LC S-L	ug/m³	4.0	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
67-66-3	**Chloroform**	**84**		ug/m³	7.4	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
74-87-3	Chloromethane	ND		ug/m³	3.1	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
156-59-2	**cis-1,2-Dichloroethylene**	**2.4**		ug/m³	1.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.9	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
110-82-7	**Cyclohexane**	**9.9**		ug/m³	5.2	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
124-48-1	Dibromochloromethane	ND		ug/m³	13	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	7.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR

Sample Information

Client Sample ID: SV-4 20240604 **York Sample ID:** 24F0432-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:24 am	06/07/2024

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
141-78-6	* Ethyl acetate	ND		ug/m³	11	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
100-41-4	**Ethyl Benzene**	**66**		ug/m³	6.6	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
87-68-3	Hexachlorobutadiene	ND	TO-LC S-L	ug/m³	16	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
67-63-0	Isopropanol	ND		ug/m³	7.4	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	6.2	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-09-2	Methylene chloride	ND		ug/m³	11	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m³	16	15.15	EPA TO-15 Certifications: NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
142-82-5	**n-Heptane**	**22**		ug/m³	6.2	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
110-54-3	**n-Hexane**	**35**		ug/m³	5.3	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
95-47-6	**o-Xylene**	**28**		ug/m³	6.6	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
179601-23-1	**p- & m- Xylenes**	**72**		ug/m³	13	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
622-96-8	*** p-Ethyltoluene**	**34**		ug/m³	7.4	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
115-07-1	* Propylene	ND		ug/m³	2.6	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
100-42-5	Styrene	ND		ug/m³	6.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
127-18-4	**Tetrachloroethylene**	**1800**		ug/m³	10	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.9	15.15	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 04:34	YR
108-88-3	**Toluene**	**110**		ug/m³	5.7	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.0	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.9	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR

Sample Information

Client Sample ID: SV-4 20240604 **York Sample ID:** 24F0432-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 4, 2024 11:24 am	06/07/2024

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
79-01-6	Trichloroethylene	ND	TO-LC S-L	ug/m³	2.0	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**8.5**		ug/m³	8.5	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
108-05-4	Vinyl acetate	ND	TO-LC S-L	ug/m³	5.3	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
593-60-2	Vinyl bromide	ND		ug/m³	6.6	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR
75-01-4	Vinyl Chloride	ND		ug/m³	1.9	15.15	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 04:34	YR

Sample Information

Client Sample ID: SSV-1 20240605 **York Sample ID:** 24F0432-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:43 pm	06/07/2024

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	ND		ug/m³	3.32	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR

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/m³	9.8	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR
71-55-6	**1,1,1-Trichloroethane**	**7.8**		ug/m³	7.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	9.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	11	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	7.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR

Sample Information

Client Sample ID: SSV-1 20240605 **York Sample ID:** 24F0432-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:43 pm	06/07/2024

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
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.4	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	11	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
95-63-6	**1,2,4-Trimethylbenzene**	**7.7**		ug/m³	7.0	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	11	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.5	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.6	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	9.9	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	7.0	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
106-99-0	1,3-Butadiene	ND		ug/m³	9.4	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.5	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.6	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	8.5	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
123-91-1	1,4-Dioxane	ND		ug/m³	10	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
78-93-3	**2-Butanone**	**5.0**		ug/m³	4.2	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
591-78-6	* 2-Hexanone	ND		ug/m³	12	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR
107-05-1	3-Chloropropene	ND		ug/m³	22	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	5.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR

Sample Information

Client Sample ID: SSV-1 20240605 **York Sample ID:** 24F0432-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:43 pm	06/07/2024

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
67-64-1	**Acetone**	**85**	B	ug/m³	17	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	3.1	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	4.5	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	7.4	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	9.5	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	15	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND	TO-LCS-L	ug/m³	5.5	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	4.4	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	2.2	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	6.5	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND	TO-CCV, TO-LCS-L	ug/m³	3.7	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**9.0**		ug/m³	6.9	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND		ug/m³	2.9	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	**cis-1,2-Dichloroethylene**	**83**		ug/m³	1.4	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.4	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	4.9	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	12	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**7.7**		ug/m³	7.0	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	10	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:			

Sample Information

Client Sample ID: SSV-1 20240605 **York Sample ID:** 24F0432-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:43 pm	06/07/2024

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
100-41-4	**Ethyl Benzene**	**9.3**		ug/m³	6.2	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
87-68-3	Hexachlorobutadiene	ND	TO-LC S-L	ug/m³	15	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
67-63-0	Isopropanol	ND		ug/m³	7.0	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	5.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.1	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
75-09-2	Methylene chloride	ND		ug/m³	9.9	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
91-20-3	* Naphthalene	ND	TO-LC S-L	ug/m³	15	14.21	EPA TO-15 Certifications: NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
142-82-5	**n-Heptane**	**7.0**		ug/m³	5.8	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
110-54-3	**n-Hexane**	**8.5**		ug/m³	5.0	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
95-47-6	o-Xylene	ND		ug/m³	6.2	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	12	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	7.0	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR
115-07-1	* Propylene	ND		ug/m³	2.4	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR
100-42-5	Styrene	ND		ug/m³	6.1	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
127-18-4	**Tetrachloroethylene**	**7400**		ug/m³	19	28.42	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/14/2024 07:55	DRP
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.4	14.21	EPA TO-15 Certifications:	06/09/2024 10:00	06/11/2024 05:24	YR
108-88-3	**Toluene**	**8.0**		ug/m³	5.4	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	5.6	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.4	14.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/09/2024 10:00	06/11/2024 05:24	YR

Sample Information

Client Sample ID: SSV-1 20240605 **York Sample ID:** 24F0432-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:43 pm	06/07/2024

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
79-01-6	**Trichloroethylene**	**220**	TO-LC S-L	ug/m³	1.9	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**22**		ug/m³	8.0	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	TO-LC S-L	ug/m³	5.0	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	6.2	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	1.8	14.21	EPA TO-15	06/09/2024 10:00	06/11/2024 05:24	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SSV-2 20240605 **York Sample ID:** 24F0432-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:52 pm	06/07/2024

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**	**1.38**		ug/m³	1.38	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:			

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/m³	4.1	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.2	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.1	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.5	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.2	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SSV-2 20240605 **York Sample ID:** 24F0432-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:52 pm	06/07/2024

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
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.4	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.59	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.4	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
95-63-6	**1,2,4-Trimethylbenzene**	**9.0**		ug/m³	2.9	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.5	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.6	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.4	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.7	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.1	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.9	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
106-99-0	1,3-Butadiene	ND		ug/m³	3.9	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.6	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.7	5.912	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 15:45	DRP
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.6	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
123-91-1	1,4-Dioxane	ND		ug/m³	4.3	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
78-93-3	**2-Butanone**	**9.9**		ug/m³	1.7	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
591-78-6	* 2-Hexanone	ND		ug/m³	4.8	5.912	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 15:45	DRP
107-05-1	3-Chloropropene	ND		ug/m³	9.3	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.4	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP

Sample Information

Client Sample ID: SSV-2 20240605 **York Sample ID:** 24F0432-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:52 pm	06/07/2024

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
67-64-1	**Acetone**	**170**		ug/m³	2.8	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	1.3	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**3.0**		ug/m³	1.9	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	3.1	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	4.0	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND		ug/m³	6.1	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	2.3	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	1.8	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.93	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	2.7	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	1.6	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	2.9	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
74-87-3	Chloromethane	ND		ug/m³	1.2	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-59-2	**cis-1,2-Dichloroethylene**	**1.6**		ug/m³	0.59	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.7	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-82-7	**Cyclohexane**	**2.6**		ug/m³	2.0	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	5.0	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**8.8**		ug/m³	2.9	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	4.3	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:			

Sample Information

Client Sample ID: SSV-2 20240605 **York Sample ID:** 24F0432-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:52 pm	06/07/2024

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
100-41-4	**Ethyl Benzene**	**11**		ug/m³	2.6	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
87-68-3	Hexachlorobutadiene	ND		ug/m³	6.3	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
67-63-0	Isopropanol	ND		ug/m³	2.9	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
80-62-6	Methyl Methacrylate	ND		ug/m³	2.4	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.1	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
75-09-2	Methylene chloride	ND		ug/m³	4.1	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
91-20-3	* Naphthalene	ND		ug/m³	6.2	5.912	EPA TO-15 Certifications: NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
142-82-5	**n-Heptane**	**5.8**		ug/m³	2.4	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
110-54-3	**n-Hexane**	**6.7**		ug/m³	2.1	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
95-47-6	**o-Xylene**	**6.2**		ug/m³	2.6	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
179601-23-1	**p- & m- Xylenes**	**14**		ug/m³	5.1	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
622-96-8	*** p-Ethyltoluene**	**7.3**		ug/m³	2.9	5.912	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 15:45	DRP
115-07-1	*** Propylene**	**5.7**		ug/m³	1.0	5.912	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 15:45	DRP
100-42-5	Styrene	ND		ug/m³	2.5	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
127-18-4	**Tetrachloroethylene**	**890**		ug/m³	4.0	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.5	5.912	EPA TO-15 Certifications:	06/13/2024 12:00	06/14/2024 15:45	DRP
108-88-3	**Toluene**	**10**		ug/m³	2.2	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.3	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.7	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP
79-01-6	**Trichloroethylene**	**33**		ug/m³	0.79	5.912	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	06/13/2024 12:00	06/14/2024 15:45	DRP

Sample Information

Client Sample ID: SSV-2 20240605 **York Sample ID:** 24F0432-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24F0432	20240228	Soil Vapor	June 5, 2024 12:52 pm	06/07/2024

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
75-69-4	**Trichlorofluoromethane (Freon 11)**	**24**		ug/m³	3.3	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	2.1	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	2.6	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.76	5.912	EPA TO-15	06/13/2024 12:00	06/14/2024 15:45	DRP
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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 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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 24F0432

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: PVE ENGINEERING	Company: SAME	Company: SAME	20240228	RUSH - Next Day
Address: 48 SPRINGSIDE AVE. POUGHKEEPSIE, N.Y. 12603	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone.: 845-454-2544	Phone.:	Phone.:	20240228	RUSH - Three Day
Contact: A. SPADAVECCHIA	Contact: CONOR TARBELL	Contact: TARA. ALVARADO		RUSH - Four Day
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: CTARBELL@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 20240228	Standard (5-7 Day) X

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

ANTHONY J. SPADAVECCHIA

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

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-1 20240604	06-04-24 1050	AS	-30"	-3"	20942	20246	• VOCs VIA USEPA METHOD TO-15
SV-2 20240604	1054	AS	-30"	-4"	41841	7609	
SV-3 20240604	1118	AS	-30"	-4"	48321	Y-27	
SV-4 20240604	1124	AS	-30"	-2"	43003	19401	
SSV-1 20240605	06-05-24 1243	AS	-30"	-3"	22079	5378	
SSV-2 20240605	1252	AS	-30"	-2"	23990	5706	

Comments:

Detection Limits Required
≤ 1 ug/m³ ____ NYSDEC V1 Limits ____
Routine Survey ____ Other ____

Sampling Media
6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
ANTHONY J. SPADAVECCHI PVE	06-06-24 1025	Chris C	6-6-24 10:25	Chris C	6-6-24 1320
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	6/6/24 1320		6/6/24 2000	Ramon Duran	6/6/24 2000
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Ramon Duran cal'd sealed	6/6/24			6/7/24	8:00

APPENDIX G
PVEDI PRELIMINARY REMEDIAL INVESTIGATION REPORT

August 11, 2025

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

Re: **Preliminary Remedial Investigation Report**; 1 North Depot Street, City of Binghamton, Broome County, New York 13901
Tax IDs #160.25-2-20.2 (Approx. 0.63 acres with 51,000 sq. ft. structure)
PVEDI File #20240228

Dear Mr. Regan:

PVEDI Engineering, Architecture and Geology, D.P.C. ("PVEDI"), has completed the Preliminary Remedial Investigation in accordance with the approved scope of work, dated May 3, 2025, for the above referenced property (Figures 1 & 2). Below is a summary of field activities, analytical data and recommendations.

1.0 INTRODUCTION

In May 2024, PVEDI completed a Phase II Environmental Site Assessment (ESA) in accordance with our approved scope of work, for the above referenced property. Based on results from this investigation, a Brownfield Cleanup Program (BCP) application was submitted to the NYSDEC, and the site may be accepted into the Program. However, NYSDEC has indicated that the site may not be eligible for Tangible Property Tax Credits (TPTCs), unless the site is demonstrated to be a source of contamination, a required component of obtaining TPTCs.

Below is a summary of our activities during the Preliminary Remedial Investigation, designed to evaluate the subject property as a source of contaminants.

2.0 FIELD ACTIVITIES

2.1 Geophysical Survey and Private Utility Mark Out

A geophysical services contractor was retained to conduct a mark-out to screen the proposed boring locations for utilities or anomalies which may obstruct drilling activities. Field activities were completed on June 18, 2025. Sample locations were adjusted accordingly.

2.2 Soil Borings and Sample Collection

On June 18, and 19, 2025, PVEDI completed a total of thirteen (13) soil borings throughout the subject property (Figure 3). Borings were installed via direct push methods using a track-mounted Geoprobe™ 6712DT rig equipped with 5-foot long, 2 ¼-inch diameter stainless steel core barrels for exterior sample locations and via hand tools for interior locations. Geoprobe™ core barrels were fitted with PVC liners. Borings were advanced to a maximum depth of 40-feet below ground surface (bgs). Groundwater was not encountered in the northern-most borings (SBs 11, 12, & 13) due to shallow refusal ranging from 20.0 feet to 26.5 feet.

The project geologist 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 photoionization detector (PID) and headspace techniques. PVEDI personnel collected one (1) soil sample from nine (9) of the thirteen (13) soil borings for a total of nine (9) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Target Compound List (TCL) VOCs via United States Environmental Protection Agency (USEPA) Method 8260;
- TCL Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- Target Analyte List (TAL) Metals via USEPA Method 6010 & 7473; &
- Polyfluoroalkyl Substances (PFAS) by USEPA Method 1633 (2 samples).

Soil borings are summarized below:

Boring SB-11 was advanced to 26.5 feet bgs via Geoprobe™ 6712DT, where refusal was encountered. Soil consisted of brown fine/medium sand, silt, gravel, and cobble. Groundwater was not encountered at time of drilling (ATD). No elevated PID readings were observed. No samples were collected for laboratory analysis.

Boring SB-12 was advanced to 20.0 feet bgs via Geoprobe™ 6712DT, where refusal was encountered. Soil consisted of brown fine/medium sand, silt, gravel, cobble, and fill. Fill material consisted of coal and brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. No samples were collected for laboratory analysis.

Boring SB-13 only hollow stem auger at this location, no lithology was documented.

Boring SB-14 was advanced to 40.0 feet bgs via Geoprobe™ 6712DT, where refusal was encountered. Soil consisted of dark brown fine/medium sand, silt, gravel, fill, and cobble. Fill material consisted of coal fragments. Groundwater was encountered at 40.0 feet ATD. An elevated PID reading of 10.1 parts per million (ppm) was observed at the 38.0-40.0 feet interval. One (1) sample was collected from 38.0-40.0 feet for laboratory analysis. This boring was converted into MW-1.

Boring SB-15 was advanced to 1.5 feet bgs via hand tools, where refusal was encountered. Soil consisted of brown fine/medium sand, silt, gravel, and cobbles. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-1.5 feet bgs for laboratory analysis.

Boring SB-16 was advanced to 1.0 feet bgs via hand tools, where refusal was encountered. Soil consisted of brown fine/medium sand, silt, gravel, and cobbles. 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-17 was advanced to 1.5 feet bgs via hand tools, where refusal was encountered. Soil consisted of dark brown fine/medium sand, silt, gravel, cobbles, and fill. Fill material consisted of white ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-1.5 feet bgs for laboratory analysis.

Boring SB-18 was advanced to 1.0 feet bgs via hand tools, where refusal was encountered. Soil consisted of dark brown fine/medium sand, silt, gravel, cobbles, and fill. Fill material consisted of brick fragments.

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-19 was advanced to 1.5 feet bgs via hand tools, where refusal was encountered. Soil consisted of dark brown fine/medium sand, silt, gravel, cobbles, and fill. Fill material consisted of brick fragments. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 0.5-1.5 feet bgs for laboratory analysis.

Boring SB-20 was advanced to 1.1 feet bgs via hand tools, where refusal was encountered. Soil consisted of dark brown fine/medium sand, silt, gravel, cobbles, and fill. Fill material consisted of brick fragments. 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-21 was advanced to 40.0 feet bgs via Geoprobe™ 6712DT, where refusal was encountered. Soil consisted of brown/dark brown fine/medium sand, silt, gravel, cobble, and fill. Fill material consisted of brick fragments. Groundwater was encountered at 35.0 feet ATD. An elevated PID reading of 0.1 ppm was observed at the 35.0-37.0 feet interval. One (1) sample was collected from 35.0-37.0 feet for laboratory analysis. This boring was converted into MW-2.

Boring SB-22 was advanced to 40.0 feet bgs via Geoprobe™ 6712DT, where refusal was encountered. Soil consisted of brown/dark brown fine/medium sand, silt, gravel, cobble, and fill. Fill material consisted of brick fragments. Groundwater was encountered at 35.0 feet ATD. No elevated PID readings were observed. One (1) sample was collected from 35.0-37.0 feet for laboratory analysis. This boring was converted into MW-3.

Boring SB-23 was advanced to 24.0 feet bgs via Geoprobe™ 6712DT, where refusal was encountered. Soil consisted of brown fine/medium sand, silt, clay, gravel, and cobble. Groundwater was encountered at 24.0 feet ATD. No elevated PID readings were observed. No samples were collected for laboratory analysis. This boring was converted into MW-4.

2.3 Monitoring Well Installation and Sampling

Monitoring wells were constructed of 2-inch diameter Schedule 40 PVC slotted (20-slot) with a flush-to-grade curb box. Annular space surrounding the screened interval of the well was backfilled with adequate filter sand and bentonite. Monitoring well locations, boring depths, and groundwater depths are summarized in the table below; locations are depicted in Figure 3. The monitoring wells were surveyed by Keystone, a New York State Professional Licensed Surveyor (PLS) on July 1, 2025. A groundwater contour map is provided as Figure 4; groundwater has been determined to be flowing to the west southwest. Monitoring well construction diagrams and purge logs are attached.

ID/Location	Date of Drilling	Bottom of Boring (below grade)	Occurrence of Groundwater (below grade)
MW-1 / SB-14	06/19/2025	45-feet	Static at 34.25-feet
MW-2 / SB-21	06/23/2025	45-feet	Static at 34.11-feet
MW-3 / SB-22	06/23/2025	45-feet	Static at 33.90-feet
MW-4 / SB-23	06/24/2025	45-feet	Static at 34.64-feet

On July 25, 2025, groundwater samples were collected from the four (4) monitoring wells using a bladder pump. Groundwater was encountered at depth ranging from 24.0-40.0 feet bgs. Groundwater samples were dispensed into laboratory provided containers and delivered to a NYSDOH ELAP certified laboratory for analysis of:

- TCL VOCs via USEPA Method 8270; &
- TAL Metals via USEPA Method 6010 & 7473.

3.0 RESULTS

Soil sample results are summarized in Tables 1-4. Analytical reports are attached.

Groundwater sample results are summarized in Table 5-6. Analytical reports are attached.

3.1 Soil Samples

Analytical results from soil samples are summarized in Table 1-4 and compared to Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) as defined in 6NYCRR Part 375. See Figure 3 for soil boring sampling locations.

3.1.1 VOCs

One (1) or more VOCs were detected in nine (9) soil samples collected and analyzed for VOCs. Of note, tetrachloroethylene (PCE) was detected at low concentrations in each of the nine (9) samples collected. However, VOCs were not detected at concentrations exceeding SCOs.

3.1.2 SVOCs

One (1) or more SVOCs were detected in two (2) of the nine (9) soil samples collected and analyzed for SVOCs. SVOCs were not detected at concentrations exceeding SCOs.

3.1.3 Metals

Metals were detected in all nine (9) soil samples collected and analyzed for metals. One (1) or more metals were detected at concentrations exceeding UUSCOs, RRSCOs and/or PGWSCOs in seven (7) of the nine (9) soil samples. Exceedances are listed below.

- SB-15 (0.5-1.5-feet)
  - Copper (53.4 mg/kg)
- SB-16 (0.5-1.0-feet)
  - Copper (82.2 mg/kg)
- SB-17 (0.5-1.5-feet)
  - Zinc (122 mg/kg)
- SB-18 (0.5-1.0-feet)
  - Copper (71.4 mg/kg)
  - Lead (215 mg/kg)
  - Zinc (433 mg/kg)
  - Mercury (0.723 mg/kg)

- SB-20 (0.5-1.0-feet)
  - Copper (60.6 mg/kg)

  - Lead (276 mg/kg)
  - Zinc (764 mg/kg)
  - ***Mercury (1.91 mg/kg)***
- SB-21 (35-37-feet)
  - Nickel (35.3 mg/kg)
- SB-22 (35-37-feet)
  - Nickel (31.5 mg/kg)

Bold indicates RRSCO exceedance.
Italic indicated PGWSCO exceedance.

3.1.4 PFAS

Multiple PFAS compounds were detected in both soil samples collected and analyzed for PFAS. Neither Perfluorooctanesulfonic acid (PFOS) nor Perfluorooctanoic acid (PFOA) were detected in either soil sample. As SCOs are only defined for PFOS and PFOA, no PFAS were detected at concentrations exceeding SCOs.

3.2 Groundwater Samples

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

3.2.1 VOCs

VOCs were detected in all four (4) of the groundwater samples collected and analyzed for VOCs. One (1) VOC was detected at concentrations exceeding Class GA GQS. Exceedances are listed below.

- MW-1
  - PCE (66.6 ug/L)
- MW-2
  - PCE (79.9 ug/L)
- MW-3
  - PCE (31.2 ug/L)
- MW-4
  - PCE (136 ug/L)

3.2.2 Metals

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

- MW-1
  - Iron (58.1 mg/L)
  - Lead (0.0897 mg/L)
  - Magnesium (42.6 mg/L)
  - Manganese (2.88 mg/L)
  - Sodium (157 mg/L)
- MW-2
  - Iron (14.1 mg/L)

  - Manganese (0.620 mg/L)
  - Sodium (31.1 mg/L)
- MW-3
  - Barium (2.01 mg/L)
  - Total Chromium (0.0678 mg/L)
  - Copper (0.216 mg/L)
  - Iron (150 mg/L)
  - Lead (0.157 mg/L)
  - Magnesium (67.4 mg/L)
  - Manganese (8.89 mg/L)
  - Nickel (0.145 mg/L)
  - Sodium (55.1 mg/L)
- MW-4
  - Iron (51.7 mg/L)
  - Lead (0.0842 mg/L)
  - Manganese (4.12 mg/L)
  - Sodium (198 mg/L)
  - Thallium (0.00192 mg/L)

4.0 DISCUSSION and CONCLUSIONS

4.1 Soil

1. Thirteen (13) soil borings were completed throughout the subject property. One (1) soil sample was collected from nine (9) of the thirteen (13) soil borings for laboratory analysis.
2. Low concentrations of VOCs, SVOCs, and PFAS were detected in soil samples at concentrations below SCOs.
3. Metals were detected in seven (7) soil samples at concentrations exceeding UUSCOs, RRSCOs and/or PGWSCOs.

4.2 Groundwater

1. Four (4) monitoring wells were installed on the subject property. One (1) groundwater sample was collected from each of the four (4) monitoring wells for laboratory analysis.
2. One (1) VOC (PCE) was detected in all four (4) groundwater samples at concentrations exceeding Class GA GQS as defined in 6NYCRR Part 700-705.
3. Multiple metals were detected in all four (4) groundwater samples at concentrations exceeding Class GA GQS as defined in 6NYCRR Part 700-705.

5.0 RECOMMENDATIONS

1. VOCs and metals were detected in soil and groundwater samples at concentrations indicating past site operations have adversely impacted the subject property.
2. PCE was detected in groundwater at concentrations increasing from east to west under the on-site structure. The upgradient concentrations of PCE range from 31.2 ug/L to 79.9 ug/L while the downgradient concentrations at the properties edge range from 66.6 ug/L to 136 ug/L. Based on surveyed well elevations and estimated direction of groundwater flow, these data suggest a source of groundwater contamination underlying the structure/subject property. Further, PCE was detected at low concentrations in all nine (9) soil samples collected.

3. Multiple metals were detected in groundwater at concentrations exceeding Class GA GQS. Lead was detected in soil samples (data provided in our Phase II ESA) at concentrations exceeding PGWSCOs and groundwater at concentrations exceeding Class GA indicating an on-site source of lead to be contaminating groundwater.
4. We feel that this supplemental data clearly defines source contamination on-site thus deeming the site eligible for TPTCs

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

Sincerely,

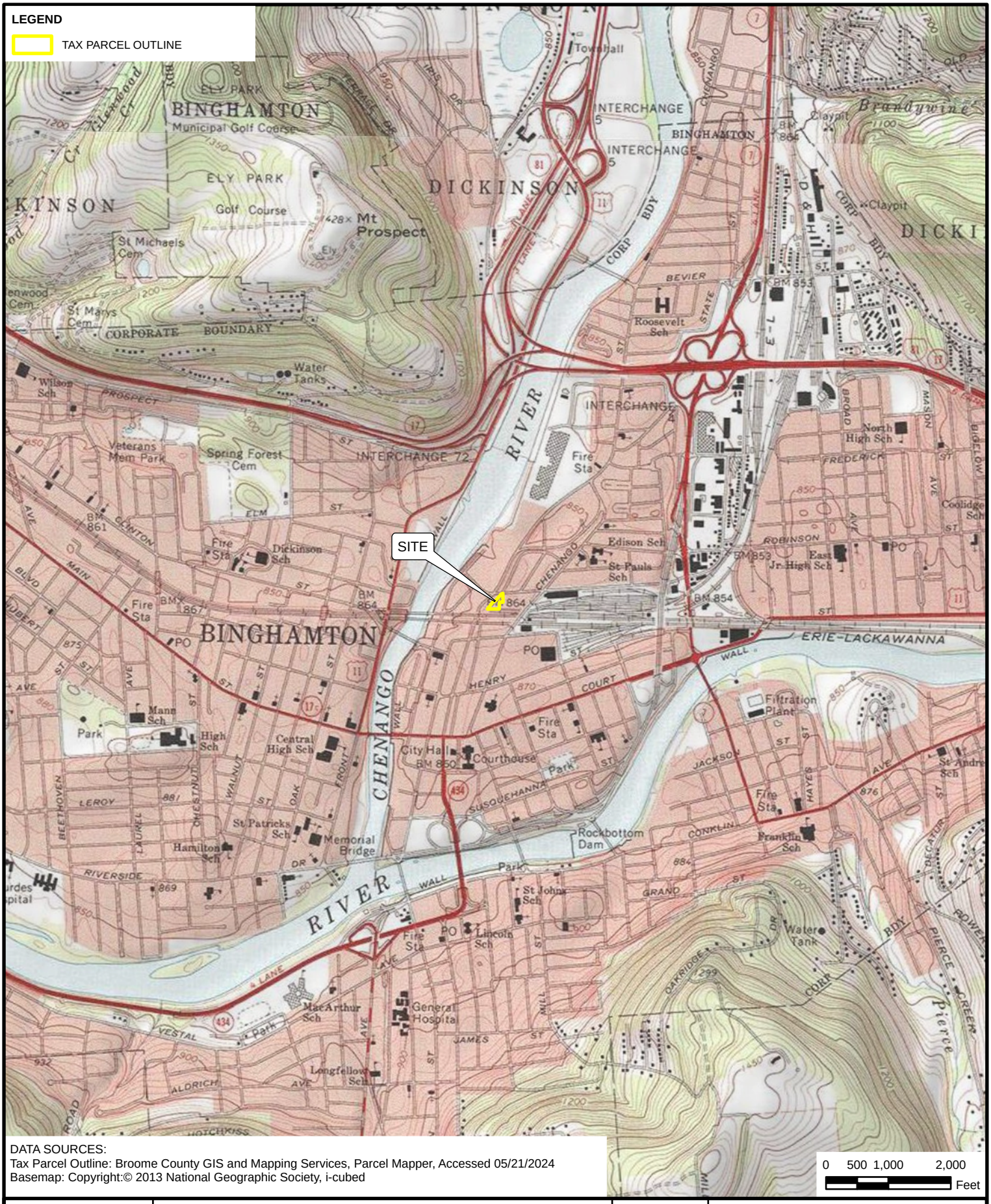
PVEDI



Conor B. Tarbell, QEP
Regional Director of Environmental Services

Attachments:
Figures – 1 through 4
Tables – 1 through 6
Soil Boring Logs
Monitoring Well Construction Diagrams
Monitoring Well Purge Logs
Analytical Reports

FIGURES

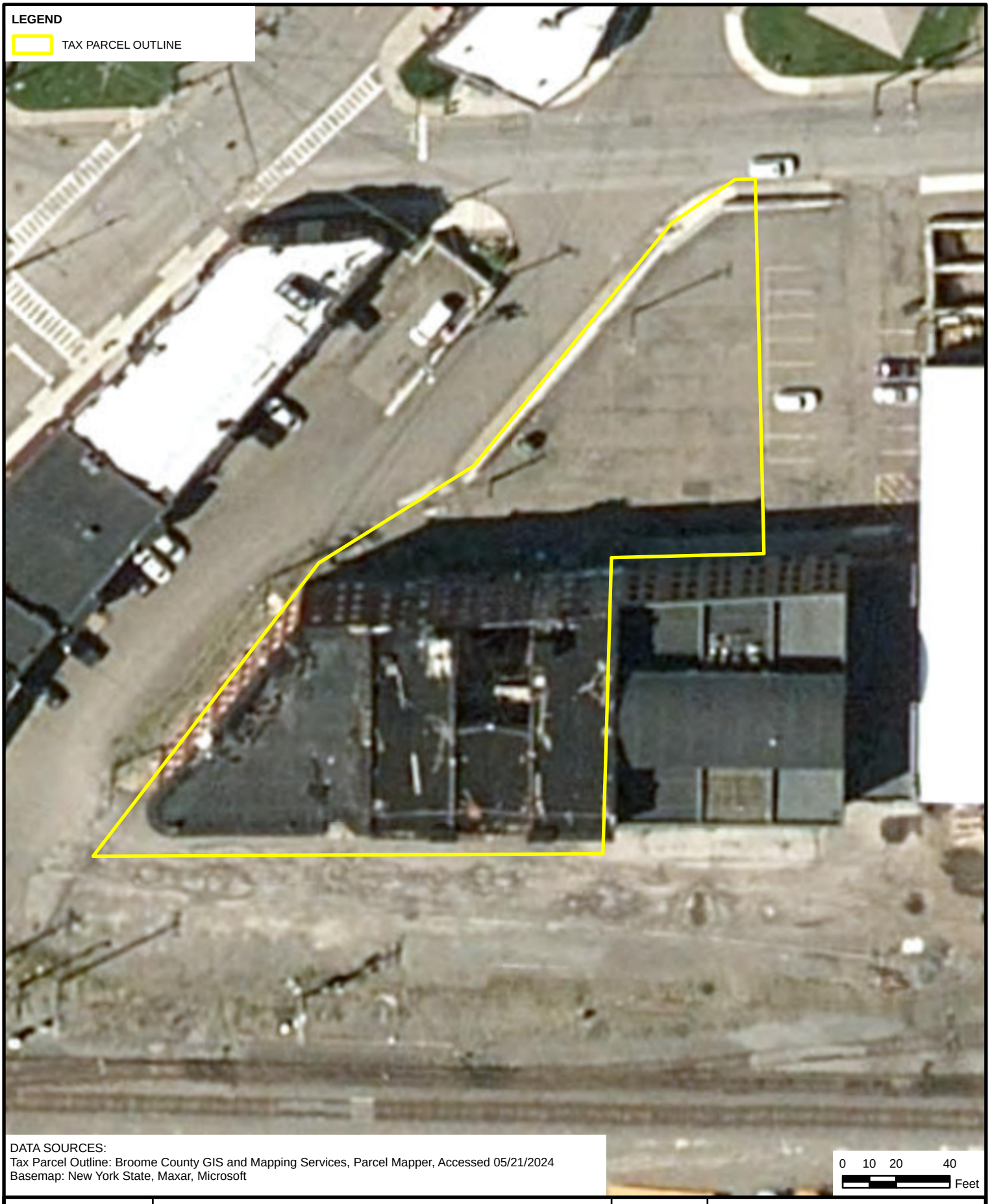


PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

SITE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO.	FIGURE 1
20240228	DATE: 05/21/2024
N	SCALE: AS INDICATED
	PROJECTION: STATE PLANE NAD83 NY EAST
	ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Basemap: New York State, Maxar, Microsoft

0 10 20 40
Feet

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SELECTED SITE FEATURES

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

FIGURE 2

DATE: 05/21/2024
SCALE: AS INDICATED
PROJECTION: STATE PLANE NAD83 NY EAST
ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Aerial Imagery: Nearmap, October 6, 2024
Basemap: Esri Community Maps Contributors, data.pa.gov, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

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SAMPLE LOCATION MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

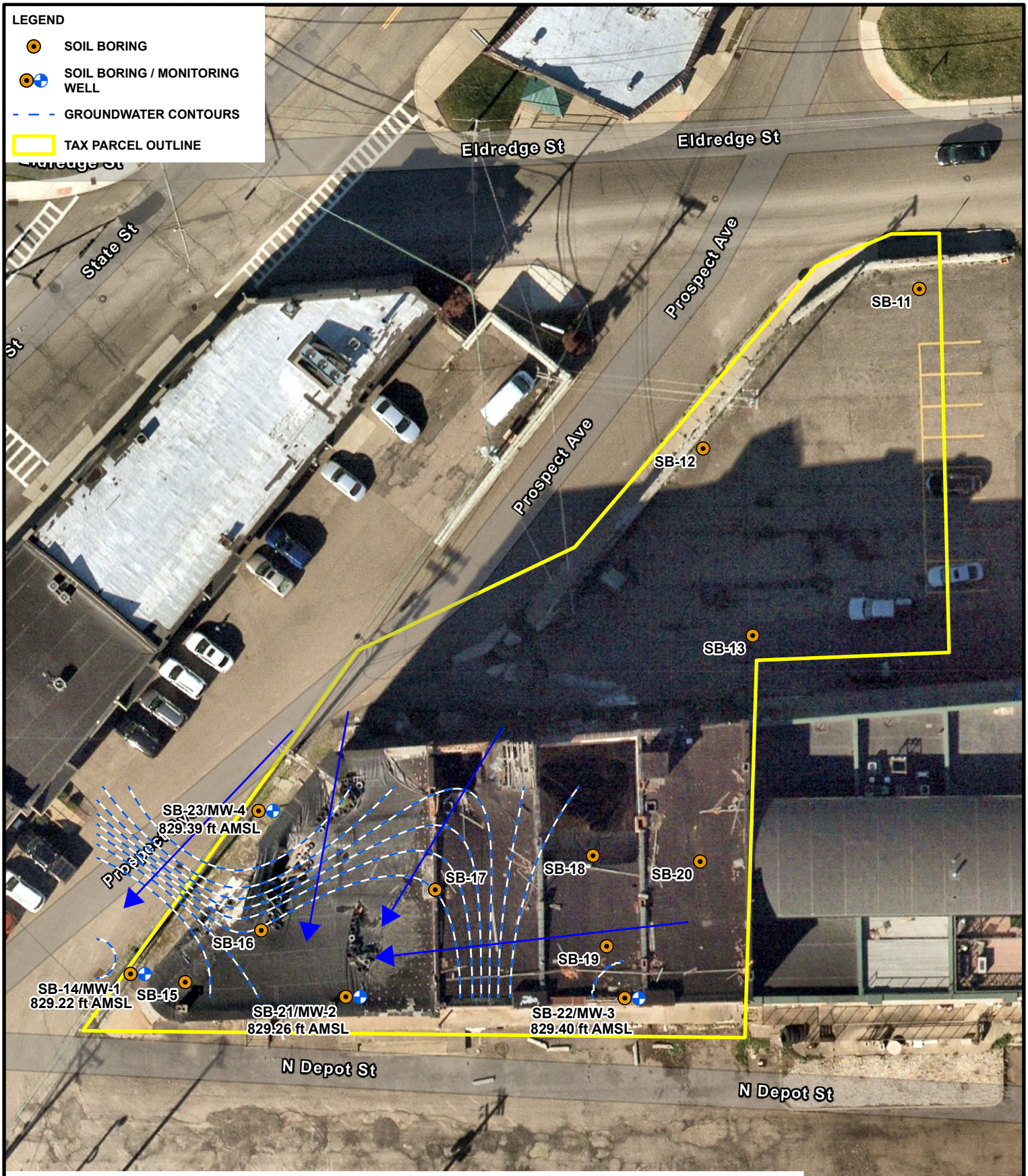
FIGURE 3

DATE: 08/06/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Broome County GIS and Mapping Services, Parcel Mapper, Accessed 05/21/2024
Aerial Imagery: Nearmap, October 6, 2024
Basemap: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

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GROUNDWATER CONTOUR MAP

1 NORTH DEPOT STREET, CITY OF BINGHAMTON
BROOME COUNTY, NEW YORK

PROJECT NO. 20240228

N

FIGURE 4

DATE: 1/9/2025

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE

PVEDi

TABLES

Table 1 - VOCs in Soil Samples
Compared to UUSCOs, RRSCOs, and PGW per 6 NYCRR Part 375
1 North Depot Street, City of Binghamton, Broome County, NY
PVEDI File #20240228-0006

							Date Sampled	6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/19/2025			6/19/2025		
							Location	Exterior			Interior/Basement			Interior/Basement			Interior/Basement			Interior/Basement			Interior/Basement			Interior/Basement			Exterior			Exterior		
							Sample ID	SB-14 38-40' 20250618			SB-15 0.5-1.5' 20250618			SB-16 0.5-1' 20250618			SB-17 0.5-1.5' 20250618			SB-18 0.5-1' 20250618			SB-19 0.5-1.5' 20250618			SB-20 0.5-1' 20250618			SB-21 35-37' 20250619			SB-22 35-37' 20250619		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	PGW	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
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	100	0.68	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,1,2-Trichloroethane	79-00-5	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,1-Dichloroethane	75-34-3	0.27	26	0.27	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,1-Dichloroethene	75-35-4	0.33	100	0.33	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2,3-Trichlorobenzene	87-61-6	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2,3-Trichloropropane	96-18-4	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,2-Dichloropropane	78-87-5	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	8.4	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	0.1	mg/kg	ND< 0.097	mg/kg	U	ND< 0.090	mg/kg	U	ND< 0.098	mg/kg	U	ND< 0.11	mg/kg	U	ND< 0.12	mg/kg	U	ND< 0.096	mg/kg	U	ND< 0.11	mg/kg	U	ND< 0.11	mg/kg	U	ND< 0.099	mg/kg	U
SW8260	2-Hexanone	591-78-6	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Acetone	67-64-1	0.05	100	0.05	mg/kg	ND< 0.0097	mg/kg	U	ND< 0.0090	mg/kg	U	0.0050	mg/kg	J	ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	0.0075	mg/kg	J	ND< 0.011	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.0099	mg/kg	U
SW8260	Acrolein	107-02-8	NE	NE	NE		ND< 0.0097	mg/kg	U	ND< 0.0090	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.0096	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.0099	mg/kg	U
SW8260	Acrylonitrile	107-13-1	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Benzene	71-43-2	0.06	4.8	0.06	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Bromochloromethane	74-97-5	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Bromodichloromethane	75-27-4	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Bromoform	75-25-2	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Bromomethane	74-83-9	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Carbon Disulfide	75-15-0	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Carbon Tetrachloride	56-23-5	0.76	2.4	0.76	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Chlorobenzene	108-90-7	1.1	100	1.1	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Chloroethane	75-00-3	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Chloroform	67-66-3	0.37	49	0.37	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Chloromethane	74-87-3	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	mg/kg	ND< 0.0048	mg/kg	U	0.0037	mg/kg	J	0.0068	mg/kg		ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Cyclohexane	110-82-7	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Cymene	99-87-6	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Dibromochloromethane	124-48-1	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Dibromomethane	74-95-3	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Dichlorodifluoromethane	75-71-8	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Ethylbenzene	100-41-4	1	41	1	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Hexachlorobutadiene	87-68-3	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Isopropylbenzene (Cumene)	98-82-8	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	m,p-Xylene	179601-23-1	NE	NE	NE		ND< 0.0097	mg/kg	U	ND< 0.0090	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.0096	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.0099	mg/kg	U
SW8260	Methyl Acetate	79-20-9	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	0.12	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Methylcyclohexane	108-87-2	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Methylene Chloride	75-09-2	0.05	100	0.05	mg/kg	ND< 0.0097	mg/kg	U	ND< 0.0090	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.012	mg/kg	U	ND< 0.0096	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.011	mg/kg	U	ND< 0.0099	mg/kg	U
SW8260	N-Butylbenzene	104-51-8	12	100	12	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	N-Propylbenzene	103-65-1	3.9	100	3.9	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	0.26	100	1.6	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Sec-Butylbenzene	135-98-8	11	100	11	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Styrene	100-42-5	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	T-Butylbenzene	98-06-6	5.9	100	5.9	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Tert-Butyl Alcohol	75-65-0	NE	NE	NE		ND< 0.024	mg/kg	U	ND< 0.023	mg/kg	U	ND< 0.024	mg/kg	U	ND< 0.027	mg/kg	U	ND< 0.031	mg/kg	U	ND< 0.024	mg/kg	U	ND< 0.027	mg/kg	U	ND< 0.028	mg/kg	U	ND< 0.025	mg/kg	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	0.93	100	0.93	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	1.3	19	1.3	mg/kg	0.013	mg/kg		0.027	mg/kg		0.038	mg/kg		0.023	mg/kg		0.025	mg/kg		0.025	mg/kg		0.0056	mg/kg		0.072	mg/kg		0.018	mg/kg	
SW8260	Toluene	108-88-3	0.7	100	0.7	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Trans-1,3-Dichloropropene	10061-02-6	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Trichloroethylene (TCE)	79-01-6	0.47	21	0.47	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Trichlorofluoromethane	75-69-4	NE	NE	NE		ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Vinyl Chloride	75-01-4	0.02	0.9	0.02	mg/kg	ND< 0.0048	mg/kg	U	ND< 0.0045	mg/kg	U	ND< 0.0049	mg/kg	U	ND< 0.0055	mg/kg	U	ND< 0.0061	mg/kg	U	ND< 0.0048	mg/kg	U	ND< 0.0053	mg/kg	U	ND< 0.0057	mg/kg	U	ND< 0.0049	mg/kg	U
SW8260	Xylenes	1330-20-7	0.26	100	1.6	mg/kg	ND< 0.015	mg/kg	U	ND< 0.014	mg/kg	U	ND< 0.015	mg/kg	U	ND< 0.016	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.014	mg/kg	U	ND< 0.016	mg/kg	U	ND< 0.017	mg/kg	U	ND< 0.015	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs);
Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RRSCOs;
Blue Shading designates those compounds detected at concentration exceeding PGWSCOs;
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, RRSCOs, and PGW per 6 NYCRR Part 375
1 North Depot Street, City of Binghamton, Broome County, NY
PVEDI File #20240228-0006

							Date Sampled	6/18/2025		6/18/2025		6/18/2025		6/18/2025		6/18/2025		6/18/2025		6/18/2025		6/19/2025		6/19/2025	
							Location	Exterior		Interior/Basement		Interior/Basement		Interior/Basement		Interior/Basement		Interior/Basement		Interior/Basement		Exterior		Exterior	
							Sample ID	SB-14 38-40' 20250618		SB-15 0.5-1.5' 20250618		SB-16 0.5-1' 20250618		SB-17 0.5-1.5' 20250618		SB-18 0.5-1' 20250618		SB-19 0.5-1.5' 20250618		SB-20 0.5-1' 20250618		SB-21 35-37' 20250619		SB-22 35-37' 20250619	
Method	Analyte	CAS RN	UUSCOs	RRSCOs	PGW	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
SW8270	1,2,4,5-Tetrachlorobenzene	95-94-3	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	1,2-Diphenylhydrazine	122-66-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2,3,4,6-Tetrachlorophenol	58-90-2	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	2,4,5-Trichlorophenol	95-95-4	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2,4,6-Trichlorophenol	88-06-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2,4-Dichlorophenol	120-83-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2,4-Dimethylphenol	105-67-9	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2,4-Dinitrophenol	51-28-5	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	2,4-Dinitrotoluene	121-14-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2,6-Dinitrotoluene	606-20-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2-Chloronaphthalene	91-58-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2-Chlorophenol	95-57-8	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2-Methylnaphthalene	91-57-6	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2-Methylphenol (O-Cresol)	00095-48-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	2-Nitroaniline	88-74-4	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	2-Nitrophenol	88-75-5	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	3,3'-Dichlorobenzidine	91-94-1	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	3-Nitroaniline	99-09-2	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	4,6-Dinitro-2-Methylphenol	534-52-1	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	4-Bromophenyl Phenyl Ether	101-55-3	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	4-Chloro-3-Methylphenol	59-50-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	4-Chloroaniline	106-47-8	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	4-Chlorophenyl Phenyl Ether	7005-72-3	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	4-Nitroaniline	100-01-6	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	4-Nitrophenol	100-02-7	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	Acenaphthene	83-32-9	20	100	98	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Acenaphthylene	208-96-8	100	100	107	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Acetophenone	98-86-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Aniline	62-53-3	NE	NE	NE			ND< 0.414	mg/kg U	ND< 0.346	mg/kg U	ND< 0.343	mg/kg U	ND< 0.363	mg/kg U	ND< 0.364	mg/kg U	ND< 0.357	mg/kg U	ND< 0.343	mg/kg U	ND< 0.376	mg/kg U	ND< 0.392	mg/kg U
SW8270	Anthracene	120-12-7	100	100	1000	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Atrazine	1912-24-9	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzaldehyde	100-52-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzidine	92-87-5	NE	NE	NE			ND< 0.414	mg/kg U	ND< 0.346	mg/kg U	ND< 0.343	mg/kg U	ND< 0.363	mg/kg U	ND< 0.364	mg/kg U	ND< 0.357	mg/kg U	ND< 0.343	mg/kg U	ND< 0.376	mg/kg U	ND< 0.392	mg/kg U
SW8270	Benzo(A)Anthracene	56-55-3	1	1	1	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzo(A)Pyrene	50-32-8	1	1	22	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzo(B)Fluoranthene	205-99-2	1	1	1.7	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzo(G,H,I)Perylene	191-24-2	100	100	1000	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzo(K)Fluoranthene	207-08-9	0.8	3.9	1.7	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzoic Acid	65-85-0	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzyl Alcohol	100-51-6	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Benzyl Butyl Phthalate	85-68-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Biphenyl (Diphenyl)	92-52-4	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Bis(2-Chloroethoxy) Methane	111-91-1	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Bis(2-Chloroisopropyl) Ether	108-60-1	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Bis(2-Ethylhexyl) Phthalate	117-81-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	0.0466	mg/kg J	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Caprolactam	105-60-2	NE	NE	NE			ND< 0.206	mg/kg U	ND< 0.172	mg/kg U	ND< 0.171	mg/kg U	ND< 0.181	mg/kg U	ND< 0.182	mg/kg U	ND< 0.178	mg/kg U	ND< 0.171	mg/kg U	ND< 0.188	mg/kg U	ND< 0.195	mg/kg U
SW8270	Carbazole	86-74-8	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Chrysene	218-01-9	1	3.9	1	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Dibenz(A,H)Anthracene	53-70-3	0.33	0.33	1000	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Dibenzofuran	132-64-9	7	59	210	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Diethyl Phthalate	84-66-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Dimethyl Phthalate	131-11-3	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Di-N-Butyl Phthalate	84-74-2	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Di-N-Octylphthalate	117-84-0	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Fluoranthene	206-44-0	100	100	1000	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	0.0449	mg/kg J	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Fluorene	86-73-7	30	100	386	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Hexachlorobenzene	118-74-1	0.33	1.2	3.2	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Hexachlorobutadiene	87-68-3	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Hexachlorocyclopentadiene	77-47-4	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Hexachloroethane	67-72-1	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.5	0.5	8.2	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Isophorone	00078-59-1	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	M+P MethylPhenol	65794-96-9	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Naphthalene	91-20-3	12	100	12	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Nitrobenzene	98-95-3	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	N-Nitrosodimethylamine	62-75-9	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	N-Nitrosodi-N-Propylamine	621-64-7	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	N-Nitrosodiphenylamine	86-30-6	NE	NE	NE			ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Pentachlorophenol	87-86-5	0.8	6.7	0.8	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Phenanthrene	85-01-8	100	100	1000	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	0.0613	mg/kg J	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Phenol	108-95-2	0.33	100	0.33	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	ND< 0.0892	mg/kg U	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Pyrene	129-00-0	100	100	1000	mg/kg		ND< 0.103	mg/kg U	ND< 0.0863	mg/kg U	ND< 0.0856	mg/kg U	ND< 0.0907	mg/kg U	ND< 0.0910	mg/kg U	0.0542	mg/kg J	ND< 0.0858	mg/kg U	ND< 0.0939	mg/kg U	ND< 0.0978	mg/kg U
SW8270	Pyridine	110-86-1	NE	NE	NE			ND< 0.414	mg/kg U	ND< 0.346	mg/kg U	ND< 0.343	mg/kg U	ND< 0.363	mg/kg U	ND< 0.364	mg/kg U	ND< 0.357	mg/kg U	ND< 0.343	mg/kg U	ND< 0.376	mg/kg U	ND< 0.392	mg/kg U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs);
Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RRSCOs;
Blue Shading designates those compounds detected at concentration exceeding PGWSCOs;
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit;
NE = No standard established; &

Table 3 - Metals in Soil Samples
Compared to UUSCOs, RRSCOs, and PGW per 6 NYCRR Part 375
1 North Depot Street, City of Binghamton, Broome County, NY
PVEDI File #20240228-0006

							Date Sampled	6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/18/2025			6/19/2025			6/19/2025		
							Location	Exterior			Interior/Basement			Interior/Basement			Interior/Basement			Interior/Basement			Interior/Basement			Interior/Basement			Exterior			Exterior		
							Sample ID	SB-14 38-40' 20250618			SB-15 0.5-1.5' 20250618			SB-16 0.5-1' 20250618			SB-17 0.5-1.5' 20250618			SB-18 0.5-1' 20250618			SB-19 0.5-1.5' 20250618			SB-20 0.5-1' 20250618			SB-21 35-37' 20250619			SB-22 35-37' 20250619		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	PGW	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	Result	Unit	Q
SW6010	Aluminum	7429-90-5	NE	NE	NE		8190	mg/kg		8030	mg/kg		7480	mg/kg		7600	mg/kg		6700	mg/kg		6640	mg/kg		6050	mg/kg		17600	mg/kg		16200	mg/kg	
SW6010	Antimony	7440-36-0	NE	NE	NE		ND< 2.59	mg/kg	U	ND< 2.21	mg/kg	U	ND< 2.19	mg/kg	U	ND< 2.32	mg/kg	U	ND< 2.33	mg/kg	U	ND< 2.28	mg/kg	U	6.47	mg/kg		ND< 2.35	mg/kg	U	ND< 2.45	mg/kg	U
SW6010	Arsenic	7440-38-2	13	16	16	mg/kg	5.99	mg/kg		6.44	mg/kg		4.83	mg/kg		5.22	mg/kg		7.39	mg/kg		6.25	mg/kg		7.82	mg/kg		11.4	mg/kg		11.5	mg/kg	
SW6010	Barium	7440-39-3	350	400	820	mg/kg	35.2	mg/kg		47.9	mg/kg		36.2	mg/kg		48.9	mg/kg		46.3	mg/kg		37.4	mg/kg		60.2	mg/kg		85.9	mg/kg		51.4	mg/kg	
SW6010	Beryllium	7440-41-7	7.2	72	47	mg/kg	0.276	mg/kg		0.338	mg/kg		0.251	mg/kg		0.288	mg/kg		0.290	mg/kg		0.237	mg/kg		0.227	mg/kg		0.674	mg/kg		0.635	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	4.3	7.5	mg/kg	ND< 0.311	mg/kg	U	ND< 0.265	mg/kg	U	ND< 0.263	mg/kg	U	ND< 0.278	mg/kg	U	0.400	mg/kg		ND< 0.274	mg/kg	U	0.684	mg/kg		ND< 0.283	mg/kg	U	ND< 0.294	mg/kg	U
SW6010	Calcium	7440-70-2	NE	NE	NE		6760	mg/kg		63100	mg/kg		111000	mg/kg		82100	mg/kg		68400	mg/kg		90800	mg/kg		87600	mg/kg		9210	mg/kg		9330	mg/kg	
SW6010	Chromium, Total	7440-47-3	31	290	NE	mg/kg	9.80	mg/kg		16.6	mg/kg		14.8	mg/kg		11.9	mg/kg		14.2	mg/kg		10.6	mg/kg		14.9	mg/kg		22.6	mg/kg		20.7	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE	NE		6.87	mg/kg		6.86	mg/kg		5.60	mg/kg		6.06	mg/kg		5.95	mg/kg		4.89	mg/kg		4.49	mg/kg		14.4	mg/kg		13.5	mg/kg	
SW6010	Copper	7440-50-8	50	270	1720	mg/kg	16.0	mg/kg		**53.4**	**mg/kg**		**82.2**	**mg/kg**		39.2	mg/kg		**71.4**	**mg/kg**		28.7	mg/kg		**60.6**	**mg/kg**		28.3	mg/kg		26.3	mg/kg	
SW6010	Iron	7439-89-6	NE	NE	NE		16800	mg/kg		19400	mg/kg		14400	mg/kg		17200	mg/kg		20200	mg/kg		14600	mg/kg		14600	mg/kg		39800	mg/kg		35300	mg/kg	
SW6010	Lead	7439-92-1	63	400	450	mg/kg	8.61	mg/kg		17.9	mg/kg		8.44	mg/kg		47.5	mg/kg		**215**	**mg/kg**		33.9	mg/kg		**276**	**mg/kg**		14.9	mg/kg		18.4	mg/kg	
SW6010	Magnesium	7439-95-4	NE	NE	NE		3670	mg/kg		8600	mg/kg		31700	mg/kg		15900	mg/kg		11200	mg/kg		8640	mg/kg		13300	mg/kg		6870	mg/kg		6270	mg/kg	
SW6010	Manganese	7439-96-5	1600	2000	2000	mg/kg	273	mg/kg		604	mg/kg		430	mg/kg		355	mg/kg		489	mg/kg		408	mg/kg		306	mg/kg		1080	mg/kg		564	mg/kg	
SW6010	Nickel	7440-02-0	30	310	130	mg/kg	16.4	mg/kg		19.0	mg/kg		18.6	mg/kg		12.3	mg/kg		17.1	mg/kg		12.2	mg/kg		12.8	mg/kg		**35.3**	**mg/kg**		**31.5**	**mg/kg**	
SW6010	Potassium	7440-09-7	NE	NE	NE		875	mg/kg		1190	mg/kg		1710	mg/kg		1250	mg/kg		1270	mg/kg		1350	mg/kg		1460	mg/kg		1420	mg/kg		1520	mg/kg	
SW6010	Selenium	7782-49-2	3.9	180	4	mg/kg	ND< 2.59	mg/kg	U	ND< 2.21	mg/kg	U	ND< 2.19	mg/kg	U	ND< 2.32	mg/kg	U	ND< 2.33	mg/kg	U	ND< 2.28	mg/kg	U	ND< 2.19	mg/kg	U	ND< 2.35	mg/kg	U	ND< 2.45	mg/kg	U
SW6010	Silver	7440-22-4	2	180	8.3	mg/kg	ND< 0.522	mg/kg	U	ND< 0.445	mg/kg	U	ND< 0.441	mg/kg	U	ND< 0.467	mg/kg	U	ND< 0.469	mg/kg	U	ND< 0.460	mg/kg	U	ND< 0.442	mg/kg	U	ND< 0.475	mg/kg	U	ND< 0.494	mg/kg	U
SW6010	Sodium	7440-23-5	NE	NE	NE		108	mg/kg		875	mg/kg		6210	mg/kg		413	mg/kg		325	mg/kg		434	mg/kg		1240	mg/kg		115	mg/kg		133	mg/kg	
SW6010	Thallium	7440-28-0	NE	NE	NE		ND< 2.07	mg/kg	U	ND< 1.77	mg/kg	U	ND< 1.75	mg/kg	U	ND< 1.86	mg/kg	U	ND< 1.86	mg/kg	U	ND< 1.83	mg/kg	U	ND< 1.76	mg/kg	U	ND< 1.89	mg/kg	U	ND< 1.97	mg/kg	U
SW6010	Vanadium	7440-62-2	NE	NE	NE		10.2	mg/kg		13.8	mg/kg		12.4	mg/kg		13.7	mg/kg		11.9	mg/kg		12.3	mg/kg		10.7	mg/kg		20.3	mg/kg		19.3	mg/kg	
SW6010	Zinc	7440-66-6	109	10000	2480	mg/kg	37.5	mg/kg		52.9	mg/kg		34.8	mg/kg		**122**	**mg/kg**		**433**	**mg/kg**		95.3	mg/kg		**764**	**mg/kg**		77.5	mg/kg		70.0	mg/kg	
SW7473	Mercury	7439-97-6	0.18	0.81	0.73	mg/kg	ND< 0.0373	mg/kg	U	0.0959	mg/kg		ND< 0.0315	mg/kg	U	0.109	mg/kg		**0.723**	**mg/kg**		0.123	mg/kg		**1.91**	**mg/kg**		ND< 0.0339	mg/kg	U	ND< 0.0353	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs);
Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RRSCOs;
Blue Shading designates those compounds detected at concentration exceeding PGWSCOs;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 4 - PFAS in Soil Samples
Compared to UUSCOs, RRSCOs, and PGW per 6 NYCRR Part 375
1 North Depot Street, City of Binghamton, Broome County, NY
PVEDI File #20240228-0006

						Date Sampled	6/18/2025			6/18/2025		
						Location	Interior/Basement			Interior/Basement		
						Sample ID	SB-15 0.5-1.5' 20250618			SB-20 0.5-1' 20250618		
Method	Analyte	CAS RN	UUSCOs	RRSCOs	PGW	Unit	Result	Unit	Q	Result	Unit	Q
E1633	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NE	NE	NE		ND< 0.799	ug/kg	U	ND< 0.791	ug/kg	U
E1633	13C2-Perfluorotetradecanoic acid	13C2PFTEDA	NE	NE	NE		1.85	ug/kg		1.66	ug/kg	
E1633	13C3-Perfluorohexanesulfonic acid	13C3PFHXS	NE	NE	NE		3.29	ug/kg		3.40	ug/kg	
E1633	13C4-Perfluorobutanoic acid	13C4PFBA	NE	NE	NE		0.308	ug/kg		14.2	ug/kg	
E1633	13C4-Perfluoroheptanoic acid	13C4PFHPA	NE	NE	NE		2.75	ug/kg		3.07	ug/kg	
E1633	13C5-Perfluoropentanoic acid	13C5PFPEA	NE	NE	NE		6.77	ug/kg		12.1	ug/kg	
E1633	13C6-Perfluorodecanoic acid	13C6PFDA	NE	NE	NE		2.12	ug/kg		2.16	ug/kg	
E1633	13C7-Perfluoroundecanoic acid	13C7PFUNA	NE	NE	NE		2.14	ug/kg		2.08	ug/kg	
E1633	13C8-Perfluorooctanesulfonamide	13C8FOSA	NE	NE	NE		3.49	ug/kg		2.65	ug/kg	
E1633	13C8-Perfluorooctanesulfonate	13C8PFOS	NE	NE	NE		3.55	ug/kg		3.60	ug/kg	
E1633	13C8-Perfluorooctanoic acid	13C8PFOA	NE	NE	NE		3.30	ug/kg		3.48	ug/kg	
E1633	13C9-Perfluorononanoic acid	13C9PFNA	NE	NE	NE		1.83	ug/kg		1.74	ug/kg	
E1633	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	914637-49-3	NE	NE	NE		ND< 5.29	ug/kg	U	ND< 5.23	ug/kg	U
E1633	3-Perfluoroheptyl propanoic acid (7:3FTCA)	812-70-4	NE	NE	NE		ND< 5.29	ug/kg	U	ND< 5.23	ug/kg	U
E1633	3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5	NE	NE	NE		ND< 1.06	ug/kg	U	ND< 1.05	ug/kg	U
E1633	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NE	NE	NE		ND< 0.799	ug/kg	U	ND< 0.791	ug/kg	U
E1633	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NE	NE	NE		ND< 0.791	ug/kg	U	ND< 0.783	ug/kg	U
E1633	d7-2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	D7-NMEPFOSAE	NE	NE	NE		23.8	ug/kg		18.8	ug/kg	
E1633	d9-2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	D9-NETPFOSAE	NE	NE	NE		23.4	ug/kg		16.7	ug/kg	
E1633	M3-Hexafluoropropylene oxide dimer acid (M3HFPO-DA)	M3HFPO-DA	NE	NE	NE		23.3	ug/kg		23.4	ug/kg	
E1633	M5PFHxA	338-30-1	NE	NE	NE		4.66	ug/kg		4.72	ug/kg	
E1633	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	D5-NETFOSAA	NE	NE	NE		8.51	ug/kg		7.20	ug/kg	
E1633	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	D3-NMEFOSAA	NE	NE	NE		5.41	ug/kg		4.74	ug/kg	
E1633	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NE	NE	NE		ND< 2.11	ug/kg	U	ND< 2.09	ug/kg	U
E1633	N-ethyl-d5-perfluoro-1-octanesulfonamide	936109-40-9	NE	NE	NE		2.27	ug/kg		1.78	ug/kg	
E1633	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	N-methyl perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NE	NE	NE		ND< 2.11	ug/kg	U	ND< 2.09	ug/kg	U
E1633	N-methyl-d3-perfluoro-1-octanesulfonamide	936109-37-4	NE	NE	NE		2.63	ug/kg		1.80	ug/kg	
E1633	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	NE	NE	NE		ND< 0.423	ug/kg	U	ND< 0.418	ug/kg	U
E1633	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	NE	NE	NE		ND< 0.376	ug/kg	U	ND< 0.372	ug/kg	U
E1633	Perfluoro(2-Propoxypropanoic) Acid	13252-13-6	NE	NE	NE		ND< 0.846	ug/kg	U	ND< 0.837	ug/kg	U
E1633	Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3Pfbs)	M3PFBS	NE	NE	NE		3.41	ug/kg		3.70	ug/kg	
E1633	Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NE	NE	NE		ND< 0.423	ug/kg	U	ND< 0.418	ug/kg	U
E1633	Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NE	NE	NE		ND< 0.423	ug/kg	U	ND< 0.418	ug/kg	U
E1633	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NE	NE	NE		ND< 0.187	ug/kg	U	ND< 0.185	ug/kg	U
E1633	Perfluorobutanoic Acid	375-22-4	NE	NE	NE		ND< 0.846	ug/kg	U	ND< 0.837	ug/kg	U
E1633	Perfluorodecane Sulfonic Acid	335-77-3	NE	NE	NE		ND< 0.204	ug/kg	U	ND< 0.202	ug/kg	U
E1633	Perfluorodecanoic acid (PFDA)	335-76-2	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	NE	NE	NE		ND< 0.205	ug/kg	U	ND< 0.203	ug/kg	U
E1633	Perfluorododecanoic acid (PFDoA)	307-55-1	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluoroheptanoic acid (PFHpA)	375-85-9	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NE	NE	NE		ND< 0.194	ug/kg	U	ND< 0.191	ug/kg	U
E1633	Perfluorohexanoic acid (PFHxA)	307-24-4	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	960315-52-0	NE	NE	NE		1.91	ug/kg		1.79	ug/kg	
E1633	Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NE	NE	NE		ND< 0.203	ug/kg	U	ND< 0.201	ug/kg	U
E1633	Perfluorononanoic acid (PFNA)	375-95-1	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	3.7	ug/kg	ND< 0.197	ug/kg	U	ND< 0.195	ug/kg	U
E1633	Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	1.1	ug/kg	ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NE	NE	NE		ND< 0.199	ug/kg	U	ND< 0.197	ug/kg	U
E1633	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NE	NE	NE		ND< 0.423	ug/kg	U	ND< 0.418	ug/kg	U
E1633	Perfluorotetradecanoic acid (PFTA)	376-06-7	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NE	NE	NE		ND< 0.211	ug/kg	U	ND< 0.209	ug/kg	U
E1633	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonate (8:2)	M2-8:2FTS	NE	NE	NE		5.54	ug/kg		4.77	ug/kg	
E1633	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonate (4:2)	M2-4:2FTS	NE	NE	NE		6.08	ug/kg		5.45	ug/kg	
E1633	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2)	M2-6:2FTS	NE	NE	NE		5.80	ug/kg		4.81	ug/kg	
E1633	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NE	NE	NE		ND< 0.812	ug/kg	U	ND< 0.803	ug/kg	U
E1633	Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	757124-72-4	NE	NE	NE		ND< 0.793	ug/kg	U	ND< 0.785	ug/kg	U
E1633	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NE	NE	NE		ND< 0.804	ug/kg	U	ND< 0.795	ug/kg	U

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Yellow Shading designates those compounds detected at concentrations exceeding UUSCOs;
Orange shading designates those compounds detected at concentration exceeding RRSCOs;
Blue Shading designates those compounds detected at concentration exceeding PGWSCOs;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 5 - VOCs in Groundwater Samples
Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
1 North Depot Street, City of Binghamton, Broome County, NY
PVEDI File #20240228-0006

					Date Sampled			7/25/2025			7/25/2025			7/25/2025			7/25/2025		
					Location			MW-1			MW-2			MW-3			MW-4		
					Sample ID			MW-1 20250725			MW-2 20250725			MW-3 20250725			MW-4 20250725		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,1,2-Trichloroethane	79-00-5	1	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,1-Dichloroethane	75-34-3	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,1-Dichloroethene	75-35-4	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2,3-Trichlorobenzene	87-61-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2,3-Trichloropropane	96-18-4	0.04	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2-Dichlorobenzene	95-50-1	3	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2-Dichloroethane	107-06-2	0.6	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,2-Dichloropropane	78-87-5	1	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,3-Dichlorobenzene	541-73-1	3	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,3-Dichloropropane	142-28-9	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,4-Dichlorobenzene	106-46-7	3	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	1,4-Diethyl Benzene	105-05-5	NE		ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	2-Hexanone	591-78-6	50	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	4-Ethyltoluene	622-96-8	NE		ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Acetone	67-64-1	50	ug/l	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U
SW8260	Acrolein	107-02-8	5	ug/l	0.990	ug/l	B	1.10	ug/l	B	1.14	ug/l	B	1.01	ug/l	B			
SW8260	Acrylonitrile	107-13-1	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Benzene	71-43-2	1	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Bromochloromethane	74-97-5	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Bromodichloromethane	75-27-4	50	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Bromoform	75-25-2	50	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Bromomethane	74-83-9	5	ug/l	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U
SW8260	Carbon Disulfide	75-15-0	60	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Carbon Tetrachloride	56-23-5	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Chlorobenzene	108-90-7	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Chloroethane	75-00-3	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Chloroform	67-66-3	7	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Chloromethane	74-87-3	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	0.620	ug/l	
SW8260	Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Cyclohexane	110-82-7	NE		ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Cymene	99-87-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Dibromochloromethane	124-48-1	50	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Dibromomethane	74-95-3	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Dichlorodifluoromethane	75-71-8	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Ethylbenzene	100-41-4	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Hexachlorobutadiene	87-68-3	0.5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Isopropylbenzene (Cumene)	98-82-8	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	m,p-Xylene	179601-23-1	NE		ND< 1.00	ug/l	U	ND< 1.00	ug/l	U	ND< 1.00	ug/l	U	ND< 1.00	ug/l	U	ND< 1.00	ug/l	U
SW8260	Methyl Acetate	79-20-9	NE		ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE		ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Methylcyclohexane	108-87-2	NE		ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Methylene Chloride	75-09-2	5	ug/l	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U
SW8260	Naphthalene	91-20-3	10	ug/l	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U	ND< 2.00	ug/l	U
SW8260	N-Butylbenzene	104-51-8	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	N-Propylbenzene	103-65-1	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Sec-Butylbenzene	135-98-8	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Styrene	100-42-5	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	T-Butylbenzene	98-06-6	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Tert-Butyl Alcohol	75-65-0	NE		ND< 1.00	ug/l	U	ND< 1.00	ug/l	U	ND< 1.00	ug/l	U	ND< 1.00	ug/l	U	ND< 1.00	ug/l	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	5	ug/l	**66.6**	**ug/l**		**79.9**	**ug/l**		**31.2**	**ug/l**		**136**	**ug/l**				
SW8260	Toluene	108-88-3	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Trans-1,2-Dichloroethene	156-60-5	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Trichloroethylene (TCE)	79-01-6	5	ug/l	0.550	ug/l		0.380	ug/l	J	0.580	ug/l		0.450	ug/l	J			
SW8260	Trichlorofluoromethane	75-69-4	5	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Vinyl Chloride	75-01-4	2	ug/l	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U	ND< 0.500	ug/l	U
SW8260	Xylenes	1330-20-7	NE		ND< 1.50	ug/l	U	ND< 1.50	ug/l	U	ND< 1.50	ug/l	U	ND< 1.50	ug/l	U	ND< 1.50	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
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit
B = Analyte is found in the associated analysis batch blank;
NE = No standard established; &
ND and U = Not detected at MDL for sample.

Table 6 - Metals in Groundwater Samples
Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
1 North Depot Street, City of Binghamton, Broome County, NY
PVEDI File #20240228-0006

					Date Sampled	7/25/2025			7/25/2025			7/25/2025			7/25/2025		
					Location	MW-1			MW-2			MW-3			MW-4		
					Sample ID	MW-1 20250725			MW-2 20250725			MW-3 20250725			MW-4 20250725		
Method	Analyte	CAS RN	CLASS GA	Unit		Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Aluminum	7429-90-5	NE			46.1	mg/l		12.1	mg/l		60.8	mg/l		26.2	mg/l	
SW6010	Barium	7440-39-3	1	mg/l		0.551	mg/l		0.114	mg/l		**2.01**	**mg/l**		0.274	mg/l	
SW6010	Calcium	7440-70-2	NE			180	mg/l		106	mg/l		292	mg/l		101	mg/l	
SW6010	Chromium, Total	7440-47-3	0.05	mg/l		0.0472	mg/l		0.0138	mg/l		**0.0678**	**mg/l**		0.0333	mg/l	
SW6010	Cobalt	7440-48-4	NE			0.0469	mg/l		0.00789	mg/l		0.108	mg/l		0.0428	mg/l	
SW6010	Copper	7440-50-8	0.2	mg/l		0.0812	mg/l		ND< 0.0222	mg/l	U	**0.216**	**mg/l**		0.0882	mg/l	
SW6010	Iron	7439-89-6	0.3	mg/l		**58.1**	**mg/l**		**14.1**	**mg/l**		**150**	**mg/l**		**51.7**	**mg/l**	
SW6010	Lead	7439-92-1	0.025	mg/l		**0.0897**	**mg/l**		0.0157	mg/l		**0.157**	**mg/l**		**0.0842**	**mg/l**	
SW6010	Magnesium	7439-95-4	35	mg/l		**42.6**	**mg/l**		19.6	mg/l		**67.4**	**mg/l**		24.7	mg/l	
SW6010	Manganese	7439-96-5	0.3	mg/l		**2.88**	**mg/l**		**0.620**	**mg/l**		**8.89**	**mg/l**		**4.12**	**mg/l**	
SW6010	Nickel	7440-02-0	0.1	mg/l		0.0668	mg/l		0.0146	mg/l		**0.145**	**mg/l**		0.0638	mg/l	
SW6010	Potassium	7440-09-7	NE			11.4	mg/l		8.49	mg/l		9.08	mg/l		5.33	mg/l	
SW6010	Silver	7440-22-4	0.05	mg/l		ND< 0.00667	mg/l	U	ND< 0.00667	mg/l	U	ND< 0.00667	mg/l	U	ND< 0.00667	mg/l	U
SW6010	Sodium	7440-23-5	20	mg/l		**157**	**mg/l**		**31.1**	**mg/l**		**55.1**	**mg/l**		**198**	**mg/l**	
SW6010	Vanadium	7440-62-2	NE			0.0583	mg/l		0.0178	mg/l		0.0729	mg/l		0.0338	mg/l	
SW6010	Zinc	7440-66-6	2	mg/l		0.222	mg/l		0.0749	mg/l		0.365	mg/l		0.169	mg/l	
SW6020	Antimony	7440-36-0	0.003	mg/l		ND< 0.00111	mg/l	U	ND< 0.00111	mg/l	U	ND< 0.00111	mg/l	U	ND< 0.00111	mg/l	U
SW6020	Arsenic	7440-38-2	0.025	mg/l		0.0162	mg/l		0.00403	mg/l		0.0195	mg/l		0.0177	mg/l	
SW6020	Beryllium	7440-41-7	0.003	mg/l		0.000894	mg/l		ND< 0.000333	mg/l	U	0.00133	mg/l		0.000682	mg/l	
SW6020	Cadmium	7440-43-9	0.005	mg/l		ND< 0.000556	mg/l	U	ND< 0.000556	mg/l	U	ND< 0.000556	mg/l	U	ND< 0.000556	mg/l	U
SW6020	Selenium	7782-49-2	0.01	mg/l		0.00522	mg/l		0.00453	mg/l		0.00445	mg/l		0.00340	mg/l	
SW6020	Thallium	7440-28-0	0.0005	mg/l		ND< 0.00111	mg/l	U	ND< 0.00111	mg/l	U	ND< 0.00111	mg/l	U	**0.00192**	**mg/l**	
SW7470	Mercury	7439-97-6	0.0007	mg/l		ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U

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

SOIL BORING LOGS

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-11

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 inches
DRILLING CONTRACTOR CoreDown Drilling
GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 6712DT
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES No sample collected.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.2 Asphalt parking lot.	
		SW		(SW) Brown fine and medium sand, some silt; some gravel; moist. Rock and dense til at 25' to 26.5' bgs.	PID = 0
5					PID = 0
10					PID = 0
15				15.0	PID = 0
20					PID = 0
25					PID = 0

Refusal at 26.5 feet.
Bottom of borehole at 26.5 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-12

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 inches
DRILLING CONTRACTOR CoreDown Drilling
GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 6712DT
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES No sample collected.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.2 Asphalt parking lot.	
				0.5 Fill - Coal and brick fragments.	
				(SM) Brown fine and medium sand, some silt, some gravel, some crushed cobble throughout.	PID = 0
					PID = 0
5					PID = 0
					PID = 0
					PID = 0
10		SM			PID = 0
					PID = 0
					PID = 0
15					PID = 0
					PID = 0
20				20.0	

Refusal at 20.0 feet.
Bottom of borehole at 20.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-14

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 inches
DRILLING CONTRACTOR CoreDown Drilling
GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 6712DT
▽ **AT TIME OF DRILLING** 40.00 ft
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Converted to MW-1 via HSA.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.3 Asphalt parking lot.	
				Dark brown to brown fine, medium sand, some silt, some coal fragments; some gravel.	PID = 0
5				5.0	
				(SM) Dark brown to brown fine, medium sand, some silt; some gravel to fractured rock and cobble throughout (observed at 15-20' bgs).	PID = 0
10		SM			PID = 0
15					PID = 0
20				20.0	
		SM		(SM) Brown fine and medium sand to medium sand, some silt, some crushed rock throughout.	PID = 0
25				24.5 25.0 Crushed white cobble.	
				No recovery - rock blocked the dual tube.	PID = 0
30				30.0	
				(ML) Brown silt, some fine sand; moist to wet.	PID = 0
35		ML			PID = 2
40	GB 38-40			40.0 ▽	PID = 10.1

Refusal at 40.0 feet.
Bottom of borehole at 40.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

BORING NUMBER SB-15

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR PVEDI
GROUND WATER LEVELS:
DRILLING METHOD Hand Tools (Auger)
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Interior soil boring
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				Concrete slab.	
				0.3	
				(SM) Brown fine and medium sand, some silt; little gravel; some cobble.	
		SM			PID = 0
1	GB 0.5-1.5				
				1.3	

Refusal at 1.5 feet.
Bottom of borehole at 1.5 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-16

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR PVEDI
GROUND WATER LEVELS:
DRILLING METHOD Hand Tools (Auger)
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Interior soil boring
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				Concrete slab.	
0.3					
		SM		(SM) Brown fine and medium sand, some silt; little gravel; some cobble.	PID = 0
	GB 0.5-1				
1				1.0	

Refusal at 1.0 feet.
Bottom of borehole at 1.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

PVEDI
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-17

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR PVEDI
GROUND WATER LEVELS:
DRILLING METHOD Hand Tools (Auger)
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Interior soil boring
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0			Concrete slab.	
0.3			Fill - Dark brown fine and medium sand, some silt; little gravel; some cobble; some white ash throughout.	PID = 0
1	GB 0.5-1.5			
1.3				

Refusal at 1.5 feet.
Bottom of borehole at 1.5 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-18

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR PVEDI
GROUND WATER LEVELS:
DRILLING METHOD Hand Tools (Auger)
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Interior soil boring
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0			Concrete slab.	
0.3			Fill - Dark brown fine and medium sand, some silt; little gravel; some cobble; some brick fragments throughout.	
	GB 0.5-1			PID = 0
1				
1.0			Refusal at 1.0 feet. Bottom of borehole at 1.0 feet.	

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-19

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR PVEDI
GROUND WATER LEVELS:
DRILLING METHOD Hand Tools (Auger)
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Interior soil boring
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0			Concrete slab.	
0.3			Fill - Dark brown fine and medium sand, some silt; little gravel; some cobble; some brick fragments throughout.	PID = 0
1	GB 0.5-1.5			
1.5				

Refusal at 1.5 feet.
Bottom of borehole at 1.5 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-20

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/18/25 **COMPLETED** 6/18/25
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR PVEDI
GROUND WATER LEVELS:
DRILLING METHOD Hand Tools (Auger)
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Interior soil boring
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0			Concrete slab.	
0.3			Fill - Brown fine and medium sand, some silt, some gravel; some cobble; some brick fragments throughout.	
	GB 0.5-1.0			PID = 0
1				
1.1			Refusal at 1.1 feet. Bottom of borehole at 1.1 feet.	

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

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48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-21

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/19/25 **COMPLETED** 6/19/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 inches
DRILLING CONTRACTOR CoreDown Drilling
GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 6712DT
▽ **AT TIME OF DRILLING** 35.00 ft
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Converted to MW-2 via HSA.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.3 Asphalt parking lot.	
				Brown to dark brown fine and medium sand, some silt to dark brown silt some fine sand; little gravel; some cobble throughout; little brick fragments throughout.	PID = 0
5				5.0	
				(SM) Brown fine and medium sand, some silt, little gravel, some cobble throughout.	PID = 0
10					PID = 0
15		SM			PID = 0
20					PID = 0
25				24.0 (ML) Brown silt, little fine sand; moist.	PID = 0
30		ML			PID = 0
35				35.0 ▽	
	GB 35-37			(SM) Dark brown medium sand, some silt; saturated to wet.	PID = 0.1
40		SM		40.0	PID = 0

Refusal at 40.0 feet.
Bottom of borehole at 40.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-22

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/19/25 **COMPLETED** 6/19/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 inches
DRILLING CONTRACTOR CoreDown Drilling
GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 6712DT
▽ **AT TIME OF DRILLING** 35.00 ft
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Converted to MW-3 via HSA.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.3 Asphalt parking lot.	
				Brown to dark brown fine and medium sand, some silt; some gravel; some cobble, little fractured rock throughout; little brick fragments throughout.	PID = 0
5				5.0	
				(SM) Brown fine and medium sand, some silt, little gravel, some cobble throughout.	PID = 0
10					PID = 0
15		SM			PID = 0
20					PID = 0
				23.0	
		ML		(ML) Brown silt, little fine sand; wet to moist.	
25				25.0	
				No recovery - jammed by cobble.	PID = 0
30				30.0	
		SP		(SP) Brown silt, little fine sand; moist.	PID = 0
35				35.0 ▽	
	GB 35-37	SM		(SM) Dark brown medium sand, some silt; saturated to wet.	PID = 0
40				40.0	PID = 0

Refusal at 40.0 feet.
Bottom of borehole at 40.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

PVEDi
48 Springside Avenue
Poughkeepsie, NY 12603
Telephone: 845-454-2544

BORING NUMBER SB-23

CLIENT Regan Development Corporation
PROJECT NAME 1 North Depot Street, Binghamton, NY
PROJECT NUMBER 20240228
PROJECT LOCATION 1 North Depot Street, Binghamton, NY
DATE STARTED 6/24/25 **COMPLETED** 6/24/25
GROUND ELEVATION _____ **HOLE SIZE** 2 1/4 inches
DRILLING CONTRACTOR CoreDown Drilling
GROUND WATER LEVELS:
DRILLING METHOD Direct Push via GeoProbe 6712DT
AT TIME OF DRILLING ---
LOGGED BY Anthony Spadavecchia **CHECKED BY** SMA
AT END OF DRILLING ---
NOTES Converted to MW-4 via HSA.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0		SM		(SM) Brown fine and medium sand, little silt, little clay, some gravel, little cobble.	PID = 0
5				5.0 (SM) Brown fine and medium sand, little silt to some silt, some cobble, some gravel.	PID = 0
					PID = 0
10					PID = 0
					PID = 0
15		SM			PID = 0
					PID = 0
20					PID = 0
					PID = 0
				24.0	PID = 0

Refusal at 24.0 feet.
Bottom of borehole at 24.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/7/25 09:41 - Z:\20240228 - 1 N DEPOT STREET, BINGHAMTON, NY\PHASE II ESA\SOIL BORING LOGS\SOIL BORING LOGS.GPJ

MONITORING WELL PURGE LOGS

Groundwater Monitoring - MW-1 Purge Log
1 North Depot Street, Binghamton, Broome County, NY
PVEDI #20240228-0006

Project Information:

Operator Name	Anthony Spadavecchia
Company Name	PVEDI
Project Name	1 North Depot Street
NYSDEC Site #	N/A
Date	6/25/2025

Pump Information:

Pump Model/Type	Bladder Pump
Tubing Type	HDPE
Tubing Diameter	0.19 [in]
Tubing Length	50 [ft]
Pump placement from TOC	45 [ft]

Well Information:

Well ID	MW-1
Well diameter	2 [in]
Well total depth	45 [ft]
Depth to top of screen	35 [ft]
Screen length	10 [ft]
Depth to Water	34.25 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp.Cond [mS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings							
Last 5 Readings	9:16:24	15.4	7.34	3.041	2218.52	7.96	113.2
	9:19:24	15.3	7.28	3.028	2234.96	7.95	121.1
	9:22:24	15.1	7.24	3.011	2149.22	7.97	128
	9:25:24	15.2	7.21	2.988	2259.83	7.96	134.2
	9:28:24	15.2	7.18	2.98	2174.64	7.97	139.7
Variance in last 3 readings		1.31	0.55	0.56	3.84	0.25	5.70
		0.66	0.41	0.76	5.15	0.13	4.84
		0.00	0.42	0.27	3.77	0.13	4.10

Notes: N/A.

Groundwater Monitoring - MW-2 Purge Log
1 North Depot Street, Binghamton, Broome County, NY
PVEDI #20240228-0006

Project Information:

Operator Name	Anthony Spadavecchia
Company Name	PVEDI
Project Name	1 North Depot Street
Site Name	N/A
Date	6/25/2025

Pump Information:

Pump Model/Type	Bladder Pump
Tubing Type	Polyethylene
Tubing Diameter	0.19 [in]
Tubing Length	55 [ft]
Pump placement from TOC	45 [ft]

Well Information:

Well ID	MW-2
Well diameter	2 [in]
Well total depth	45 [ft]
Depth to top of screen	35 [ft]
Screen length	10 [ft]
Depth to Water	34.11 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp.Cond [mS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings							
Last 5 Readings	11:00:33	15.2	7.08	2.404	37.91	8.06	178.6
	11:03:33	15.2	7.07	2.402	43.01	8.07	180.4
	11:06:33	15.3	7.06	2.394	31.9	8.07	182.5
	11:09:33	15.4	7.05	2.391	21.29	8.06	184.3
	11:12:33	15.2	7.04	2.387	16.49	8.07	186.1
Variance in last 3 readings		0.66	0.14	0.33	25.83	0.00	1.16
		0.65	0.14	0.13	33.26	0.12	0.99
		1.30	0.14	0.17	22.55	0.12	0.98

Notes: N/A.

Groundwater Monitoring - MW-3 Purge Log
1 North Depot Street, Binghamton, Broome County, NY
PVEDI #20240228-0006

Project Information:

Operator Name	Anthony Spadavecchia
Company Name	PVEDI
Project Name	1 North Depot Street
Site Name	N/A
Date	6/25/2025

Pump Information:

Pump Model/Type	Bladder Pump
Tubing Type	Polyethylene
Tubing Diameter	0.19 [in]
Tubing Length	55 [ft]
Pump placement from TOC	45 [ft]

Well Information:

Well Id	MW-3
Well diameter	2 [in]
Well total depth	45 [ft]
Depth to top of screen	35 [ft]
Screen length	10 [ft]
Depth to Water	33.90 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp.Cond [mS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings							
Last 5 Readings	12:40:39	15	7.02	2.322	1348.82	8.38	174.6
	12:43:39	15.1	6.99	2.31	1493.25	8.39	172
	12:46:39	15	6.99	2.31	1410.48	8.4	169.7
	12:49:39	14.9	7	2.31	792.32	8.43	167.9
	12:52:39	14.9	7	2.31	1684.48	8.42	166.6
Variance in last 3 readings		0.66	0.00	0.00	5.54	0.12	1.34
		0.67	0.14	0.00	43.83	0.36	1.06
		0.00	0.00	0.00	112.60	0.12	0.77

Notes: N/A.

Groundwater Monitoring - MW-4 Purge Log
1 North Depot Street, Binghamton, Broome County, NY
PVEDI #20240228-0006

Project Information:

Operator Name	Anthony Spadavecchia
Company Name	PVEDI
Project Name	1 North Depot Street
Site Name	N/A
Date	6/25/2025

Pump Information:

Pump Model/Type	Bladder Pump
Tubing Type	Polyethylene
Tubing Diameter	0.19 [in]
Tubing Length	55 [ft]
Pump placement from TOC	45 [ft]

Well Information:

Well Id	MW-4
Well diameter	2 [in]
Well total depth	45 [ft]
Depth to top of screen	35 [ft]
Screen length	10 [ft]
Depth to Water	34.64 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp.Cond [mS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings							
Last 5 Readings	14:00:48	14.5	7.2	2.509	959.84	8.09	185.9
	14:03:48	14.4	7.17	2.51	616.2	8.16	185.8
	14:06:48	14.4	7.14	2.515	428.24	8.18	186.1
	14:09:48	14.6	7.12	2.511	343.53	8.18	186.5
	14:12:48	14.6	7.1	2.519	377.83	8.19	187.2
Variance in last 3 readings		0.00	0.42	0.20	30.50	0.25	0.16
		1.39	0.28	0.16	19.78	0.00	0.21
		0.00	0.28	0.32	9.98	0.12	0.38

Notes: N/A.

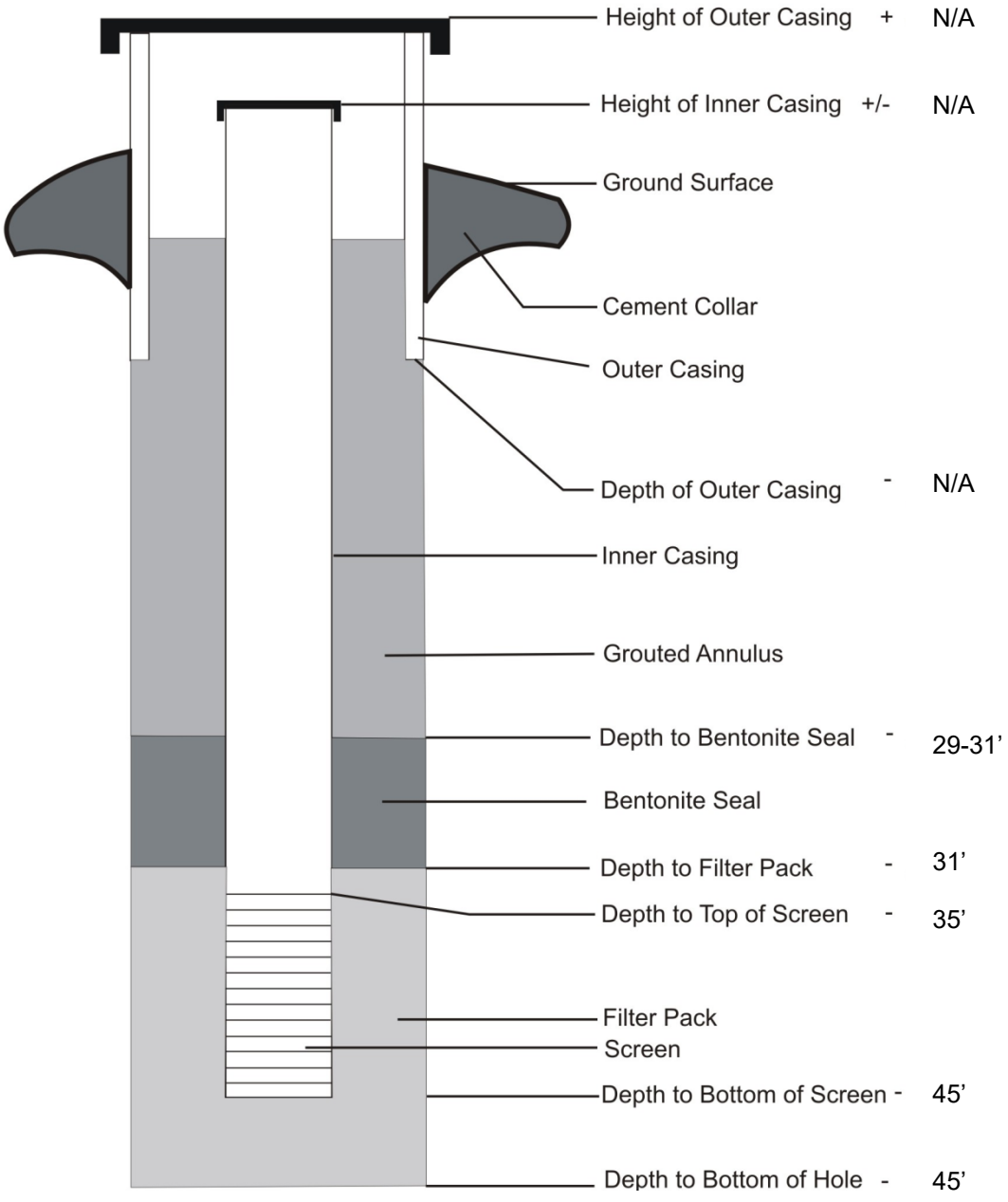
MONITORING WELL CONSTRUCTION DIAGRAMS

48 Springside Avenue
Poughkeepsie, NY 12603
(845) 454-2544

Monitoring Well Construction Diagram

Project #: 20240228-0006	Driller: Core Down Drilling
Project Name/Site: 1 North Depot Street, Binghamton, NY	Drilling Method: Hollow Stem Auger
Well #: MW-1	Drilling Fluid: N/A
Location: SB-14	Date Start: 6/19/2025 Date End: 6/19/2025
Scientist/Technician: AJS	Depth of Outer Casing: N/A
Elevation of Ground Surface: 829.220’	Depth of Inner Casing: N/A
Notes:	Depth to Water (ATD): 40-feet

Elevations Relative to Land Surface



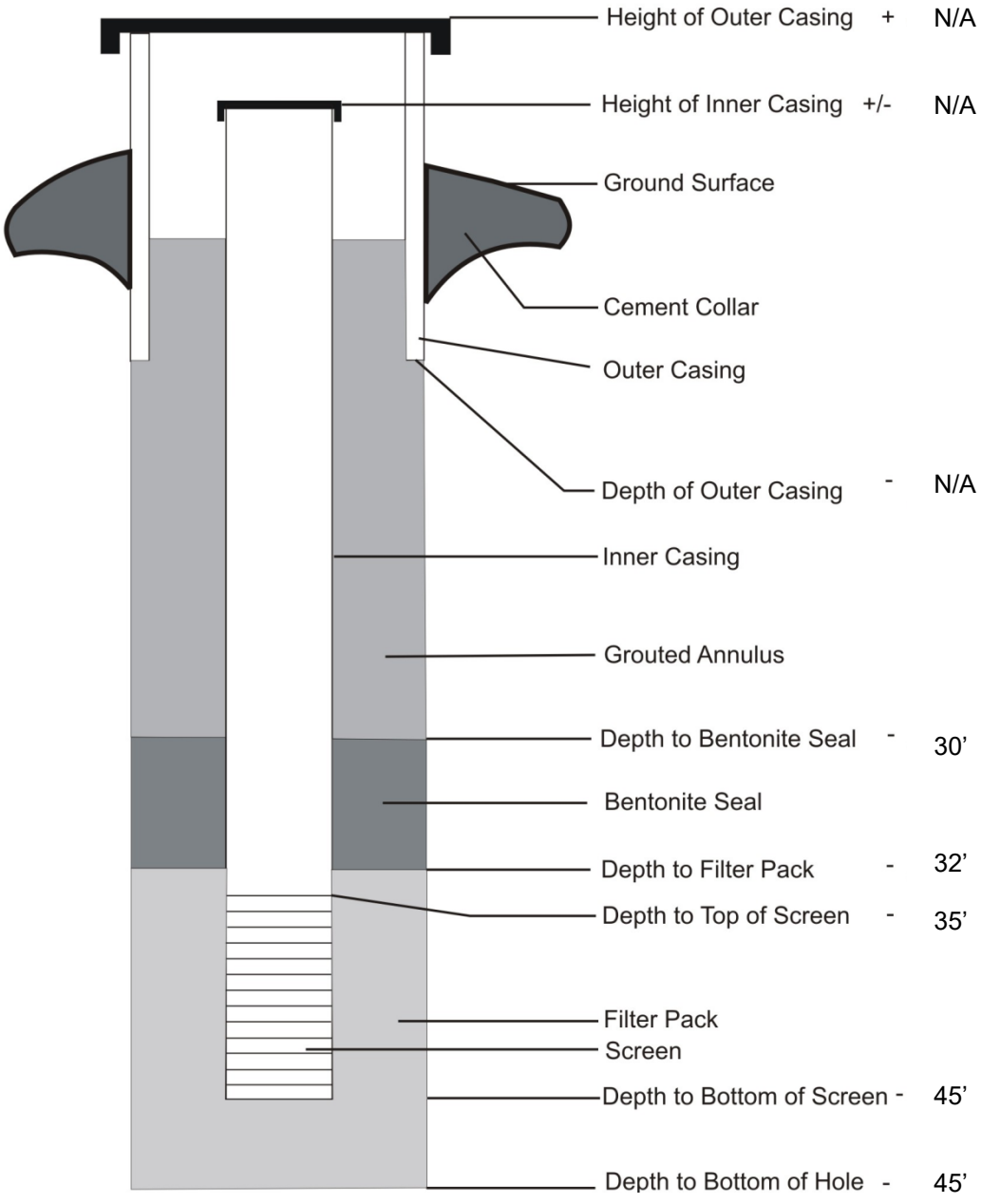
Auger Diameter	8” O.D.
Borehole Diameter	4 ¼ “ I.D.
Flush-to-grade Curb Box?	x Yes ___No
Stick-up Pipe?	___Yes x No
Outer Casing Diameter	6”
Outer Casing Material	6” road box
Inner Casing Diameter	2”
Inner Casing Material	PVC
Grout Type	N/A
Bentonite Type	Whole plug 3/8” chips
Filter Pack Type	#2 filter sand special
Screen Type/Slot Size	#10

48 Springside Avenue
Poughkeepsie, NY 12603
(845) 454-2544

Monitoring Well Construction Diagram

Project #: 20240228-0006	Driller: Core Down Drilling
Project Name/Site: 1 North Depot Street, Binghamton, NY	Drilling Method: Hollow Stem Auger
Well #: MW-2	Drilling Fluid: N/A
Location: SB-21	Date Start: 6/23/2025 Date End: 6/23/2025
Scientist/Technician: KMA	Depth of Outer Casing: N/A
Elevation of Ground Surface: 829.256’	Depth of Inner Casing: N/A
Notes:	Depth to Water (ATD): 35.58-feet

Elevations Relative to Land Surface



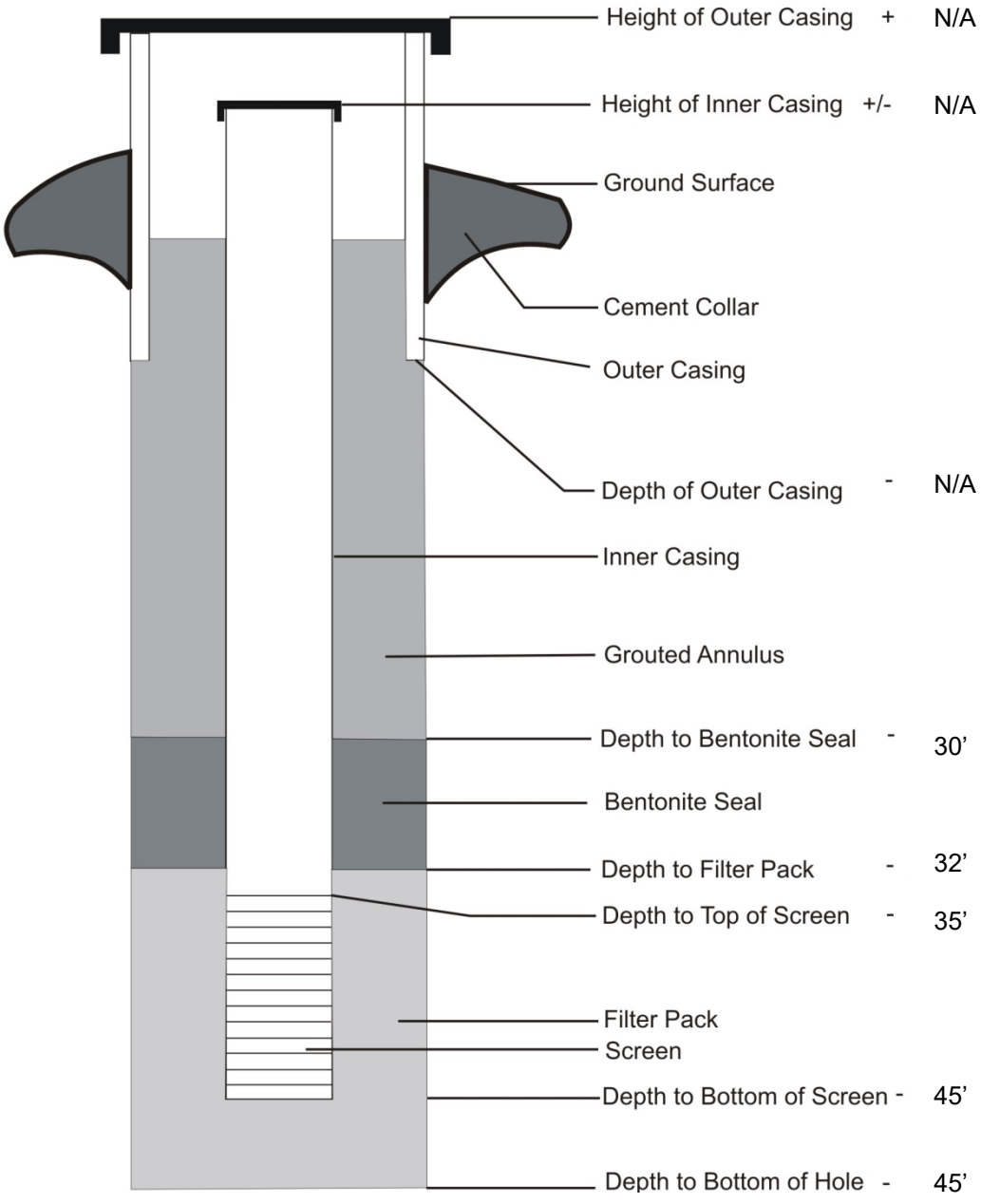
Auger Diameter	8” O.D.
Borehole Diameter	4 ¼ “ I.D.
Flush-to-grade Curb Box?	x Yes ___No
Stick-up Pipe?	___Yes x No
Outer Casing Diameter	6”
Outer Casing Material	6” road box
Inner Casing Diameter	2”
Inner Casing Material	PVC
Grout Type	N/A
Bentonite Type	Whole plug 3/8” chips
Filter Pack Type	#2 filter sand special
Screen Type/Slot Size	#10

48 Springside Avenue
Poughkeepsie, NY 12603
(845) 454-2544

Monitoring Well Construction Diagram

Project #: 20240228-0006	Driller: Core Down Drilling
Project Name/Site: 1 North Depot Street, Binghamton, NY	Drilling Method: Hollow Stem Auger
Well #: MW-3	Drilling Fluid: N/A
Location: SB-22	Date Start: 6/23/2025 Date End: 6/23/2025
Scientist/Technician: KMA	Depth of Outer Casing: N/A
Elevation of Ground Surface: 829.400’	Depth of Inner Casing: N/A
Notes:	Depth to Water (ATD): 35.36-feet

Elevations Relative to Land Surface



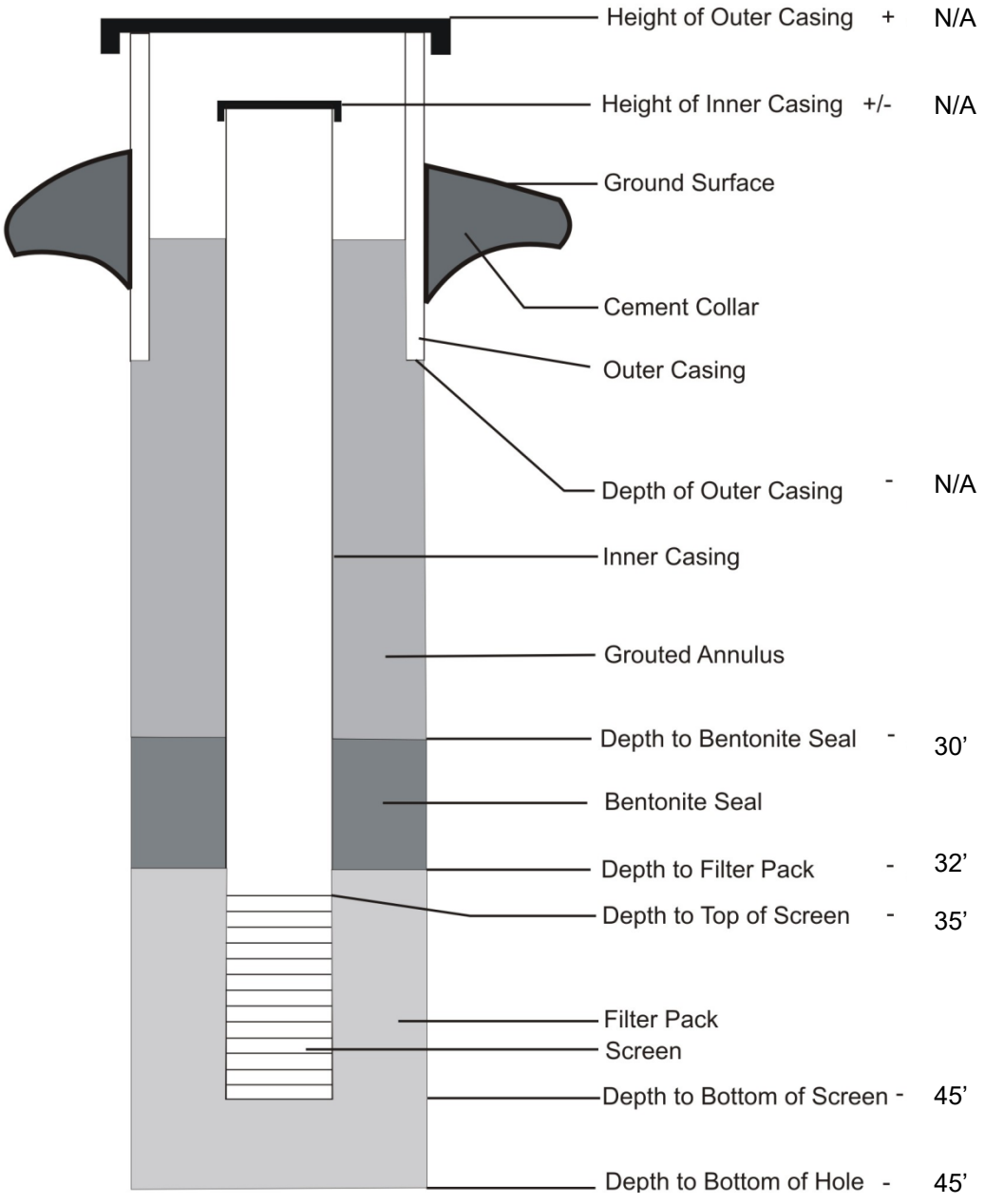
Auger Diameter	8” O.D.
Borehole Diameter	4 ¼ “ I.D.
Flush-to-grade Curb Box?	x Yes ___No
Stick-up Pipe?	___Yes x No
Outer Casing Diameter	6”
Outer Casing Material	6” road box
Inner Casing Diameter	2”
Inner Casing Material	PVC
Grout Type	N/A
Bentonite Type	Whole plug 3/8” chips
Filter Pack Type	#2 filter sand special
Screen Type/Slot Size	#10

48 Springside Avenue
Poughkeepsie, NY 12603
(845) 454-2544

Monitoring Well Construction Diagram

Project #: 20240228-0006	Driller: Core Down Drilling
Project Name/Site: 1 North Depot Street, Binghamton, NY	Drilling Method: Hollow Stem Auger
Well #: MW-4	Drilling Fluid: N/A
Location: SB-23	Date Start: 6/24/2025 Date End: 6/24/2025
Scientist/Technician: KMA	Depth of Outer Casing: N/A
Elevation of Ground Surface: 829.337’	Depth of Inner Casing: N/A
Notes:	Depth to Water (ATD): 38.72-feet

Elevations Relative to Land Surface



Auger Diameter	8” O.D.
Borehole Diameter	4 ¼ “ I.D.
Flush-to-grade Curb Box?	x Yes ___No
Stick-up Pipe?	___Yes x No
Outer Casing Diameter	6”
Outer Casing Material	6” road box
Inner Casing Diameter	2”
Inner Casing Material	PVC
Grout Type	N/A
Bentonite Type	Whole plug 3/8” chips
Filter Pack Type	#2 filter sand special
Screen Type/Slot Size	#10

PVEDi

ANALYTICAL REPORTS

Technical Report

prepared for:

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

Report Date: 07/02/2025
Client Project ID: 20240228-0006
York Project (SDG) No.: 25F1350

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

Report Date: 07/02/2025
Client Project ID: 20240228-0006
York Project (SDG) No.: 25F1350

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 20, 2025 and listed below. The project was identified as your project: **20240228-0006**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25F1350-01	FB-01 20250618	Water	06/18/2025	06/20/2025
25F1350-02	SB-15 0.5-1.5 20250618	Soil	06/18/2025	06/20/2025
25F1350-03	SB-16 0.5-1 20250618	Soil	06/18/2025	06/20/2025
25F1350-04	SB-17 0.5-1.5 20250618	Soil	06/18/2025	06/20/2025
25F1350-05	SB-18 0.5-1 20250618	Soil	06/18/2025	06/20/2025
25F1350-06	SB-19 0.5-1.5 20250618	Soil	06/18/2025	06/20/2025
25F1350-07	SB-20 0.5-1 20250618	Soil	06/18/2025	06/20/2025

General Notes for York Project (SDG) No.: 25F1350

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

Cassie L. Mosher
Laboratory Manager

Date: 07/02/2025

Sample Information

Client Sample ID: FB-01 20250618 **York Sample ID:** 25F1350-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Water	June 18, 2025 3:55 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.429	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.319	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.648	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.620	1.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND	PF-CC V-L	ng/L	0.383	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.748	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.474	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.684	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.03	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.803	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.675	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.629	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.721	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.939	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.210	3.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.803	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.830	1.74	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.20	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.84	6.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	1.87	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.301	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.456	3.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/23/2025 12:51	06/24/2025 22:26	AM

Sample Information

Client Sample ID: FB-01 20250618 **York Sample ID:** 25F1350-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Water	June 18, 2025 3:55 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	1.95	3.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/23/2025 12:51	06/24/2025 22:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.228	3.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/23/2025 12:51	06/24/2025 22:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.337	3.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	06/23/2025 12:51	06/24/2025 22:26	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.693	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.63	6.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.95	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.26	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.638	6.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
919005-14-4	ADONA	ND		ng/L	0.483	6.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.848	1.77	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.784	1.75	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	06/23/2025 12:51	06/24/2025 22:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.85	4.56	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.69	22.8	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.64	22.8	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.64	18.2	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.44	1.82	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.64	18.2	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.64	1.82	1	EPA 1633 Draft 3 Certifications:	06/23/2025 12:51	06/24/2025 22:26	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*146 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*194 %*	PFSu-H	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*169 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*161 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*152 %*	PFSu-H	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*172 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*162 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: FB-01 20250618 **York Sample ID:** 25F1350-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Water	June 18, 2025 3:55 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*127 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*106 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.88 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*149 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*121 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*140 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*117 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*135 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*106 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*126 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*204 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*80.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*93.4 %*			*25-150*						

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.045	0.090	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
156-59-2	**cis-1,2-Dichloroethylene**	**0.0037**	J	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.011	0.023	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.027**		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:32	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,PADEP-68-04440	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,PADEP-68-04440	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,PADEP-68-04440	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.346	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.346	2	EPA 8270E Certifications:	06/24/2025 12:07	06/24/2025 23:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.5 %*	*24-116*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0560	0.211	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.194	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NJDEP-NY037
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.211	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.211	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03	06/26/2025 15:42	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.793	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.798	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.204	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0656	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.423	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.629	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-CCV-L	ug/kg dry	0.643	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.329	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.799	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.179	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:42	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.670	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.29	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.646	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.737	2.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:42	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
338-30-1	*Surrogate: M5PFHxA*	*176 %*	PFSu-H	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*161 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*162 %*	PFSu-H	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*144 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*140 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.91 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*140 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*128 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*132 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*161 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*115 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*109 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*138 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*99.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*86.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*220 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*88.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*90.0 %*			*25-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8030**		mg/kg dry	4.41	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.44**		mg/kg dry	1.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**47.9**		mg/kg dry	2.20	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.338**		mg/kg dry	0.044	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**63100**		mg/kg dry	4.42	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.442	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.86**		mg/kg dry	0.353	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**53.4**		mg/kg dry	1.77	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**19400**		mg/kg dry	22.1	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**17.9**		mg/kg dry	0.442	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**8600**		mg/kg dry	4.42	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**604**		mg/kg dry	0.442	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-15 0.5-1.5 20250618 **York Sample ID:** 25F1350-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:00 pm	06/20/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**19.0**		mg/kg dry	0.879	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1190**		mg/kg dry	4.42	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**875**		mg/kg dry	44.2	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.77	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.8**		mg/kg dry	0.879	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**52.9**		mg/kg dry	2.20	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:20	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**	**0.0959**		mg/kg dry	0.0318	1	EPA 7473	06/24/2025 12:54	06/25/2025 10:34	DBT
							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**	**94.4**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

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	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	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	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.049	0.098	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0050**	J	mg/kg dry	0.0049	0.0098	1	EPA 8260D	07/01/2025 15:43	07/01/2025 21:59	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

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	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**0.0068**		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

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	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
127-18-4	**Tetrachloroethylene**	**0.038**		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	AC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 21:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.6 %*	*76-130*

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:22	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:22	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 00:22	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:22	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 00:22	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 00:22	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:22	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:22	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:22	AK

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.171	0.343	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.343	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0466**	J	mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0856	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0429	0.0856	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.171	0.343	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*115 %*	S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*84.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*90.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*132 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*128 %*	S-08	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7480**		mg/kg dry	4.38	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.83**		mg/kg dry	1.31	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**36.2**		mg/kg dry	2.19	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.251**		mg/kg dry	0.044	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**111000**		mg/kg dry	4.38	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**14.8**		mg/kg dry	0.438	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.60**		mg/kg dry	0.350	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**82.2**		mg/kg dry	1.75	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**14400**		mg/kg dry	21.9	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**8.44**		mg/kg dry	0.438	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**31700**		mg/kg dry	4.38	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**430**		mg/kg dry	0.438	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**18.6**		mg/kg dry	0.872	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1710**		mg/kg dry	4.38	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.441	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**6210**		mg/kg dry	43.8	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.75	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.4**		mg/kg dry	0.872	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**34.8**		mg/kg dry	2.18	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:22	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	0.0315	1	EPA 7473	06/24/2025 12:54	06/25/2025 10:34	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-16 0.5-1 20250618 **York Sample ID:** 25F1350-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:15 pm	06/20/2025

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.2**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	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	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:25	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.055	0.11	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.014	0.027	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**0.023**		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:25	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/01/2025 22:25	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/01/2025 22:25	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/01/2025 22:25	AC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/01/2025 22:25	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260D Certifications:	07/01/2025 15:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/01/2025 22:25	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D Certifications:	07/01/2025 15:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	07/01/2025 22:25	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 00:52	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 00:52	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 00:52	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0907	0.181	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E	06/24/2025 12:07	06/25/2025 00:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/25/2025 00:52	AK
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0907	0.181	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 00:52	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 00:52	AK

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.363	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 00:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.7 %*	*22-108*

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.6 %*			*24-116*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7600**		mg/kg dry	4.64	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.22**		mg/kg dry	1.39	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**48.9**		mg/kg dry	2.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.288**		mg/kg dry	0.047	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**82100**		mg/kg dry	4.64	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**11.9**		mg/kg dry	0.464	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.06**		mg/kg dry	0.371	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**39.2**		mg/kg dry	1.86	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**17200**		mg/kg dry	23.2	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**47.5**		mg/kg dry	0.464	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**15900**		mg/kg dry	4.64	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**355**		mg/kg dry	0.464	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**12.3**		mg/kg dry	0.924	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1250**		mg/kg dry	4.64	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-17 0.5-1.5 20250618 **York Sample ID:** 25F1350-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:30 pm	06/20/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**413**		mg/kg dry	46.4	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.7**		mg/kg dry	0.924	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**122**		mg/kg dry	2.31	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:23	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**	**0.109**		mg/kg dry	0.0334	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							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**	**89.8**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

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	0.0061	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	07/01/2025 15:43	07/01/2025 22:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.061	0.12	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

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
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	AC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	AC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.015	0.031	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
127-18-4	**Tetrachloroethylene**	**0.025**		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	AC
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 22:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0910	0.182	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.0 %*	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6700**		mg/kg dry	4.65	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.39**		mg/kg dry	1.40	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**46.3**		mg/kg dry	2.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.290**		mg/kg dry	0.047	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.400**		mg/kg dry	0.279	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**68400**		mg/kg dry	4.65	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.466	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.95**		mg/kg dry	0.372	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**71.4**		mg/kg dry	1.86	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**20200**		mg/kg dry	23.3	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**215**		mg/kg dry	0.466	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**11200**		mg/kg dry	4.66	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**489**		mg/kg dry	0.466	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**17.1**		mg/kg dry	0.927	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1270**		mg/kg dry	4.66	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**325**		mg/kg dry	46.5	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.86	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.9**		mg/kg dry	0.927	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**433**		mg/kg dry	2.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:25	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**	**0.723**		mg/kg dry	0.0335	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							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

Sample Information

Client Sample ID: SB-18 0.5-1 20250618 **York Sample ID:** 25F1350-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 4:45 pm	06/20/2025

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

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	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	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	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

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	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.048	0.096	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0075**	J	mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

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	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.025**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

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	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,PADEP-68-04440	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,PADEP-68-04440	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,PADEP-68-04440	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 01:52	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.357	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	06/25/2025 01:52	AK
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0892	0.178	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 01:52	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 01:52	AK

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0449**	J	mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0613**	J	mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0542**	J	mg/kg dry	0.0447	0.0892	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.357	2	EPA 8270E	06/24/2025 12:07	06/25/2025 01:52	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.0 %*	*20-108*

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.1 %*			*24-116*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6640**		mg/kg dry	4.56	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.25**		mg/kg dry	1.37	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**37.4**		mg/kg dry	2.28	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.237**		mg/kg dry	0.046	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**90800**		mg/kg dry	4.56	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**10.6**		mg/kg dry	0.456	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.89**		mg/kg dry	0.364	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**28.7**		mg/kg dry	1.82	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**14600**		mg/kg dry	22.8	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**33.9**		mg/kg dry	0.456	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**8640**		mg/kg dry	4.56	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**408**		mg/kg dry	0.456	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.908	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1350**		mg/kg dry	4.56	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-19 0.5-1.5 20250618 **York Sample ID:** 25F1350-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:00 pm	06/20/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**434**		mg/kg dry	45.6	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.83	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.3**		mg/kg dry	0.908	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**95.3**		mg/kg dry	2.27	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.123**		mg/kg dry	0.0328	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							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**	**91.4**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	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	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.053	0.11	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	07/01/2025 15:43	07/01/2025 23:45	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

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	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.013	0.027	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**0.0056**		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D Certifications:	07/01/2025 15:43	07/01/2025 23:45	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*76-130*

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:22	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:22	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 02:22	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:22	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 02:22	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 02:22	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:22	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:22	AK

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0858	0.171	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.172	0.343	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.343	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:22	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0858	0.171	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:22	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
85-01-8	Phenanthrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
108-95-2	Phenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
129-00-0	Pyrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.343	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:22	AK

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*39.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.1 %*	*24-116*

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NJDEP-NY037	06/26/2025 15:54	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0554	0.209	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/26/2025 15:54	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/26/2025 15:54	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NJDEP-NY037	06/26/2025 15:54	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/26/2025 15:54	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/26/2025 15:54	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3 Certifications:	06/25/2025 10:03 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/26/2025 15:54	AM

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.785	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.803	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.202	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0649	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.418	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.622	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
13252-13-6	* HFPO-DA (Gen-X)	ND	PF-CCV-L	ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.325	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	06/25/2025 10:03	06/26/2025 15:54	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.663	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.19	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.639	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.729	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	06/25/2025 10:03	06/26/2025 15:54	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*152 %*	PFSu-H	*25-150*
338-30-1	*Surrogate: M5PFHxA*	*180 %*	PFSu-H	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*137 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*133 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*165 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*159 %*	PFSu-H	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*137 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*127 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*136 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*144 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*232 %*	PFSu-H	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*101 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.6 %*		*25-150*

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Q_P_PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*138 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*95.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*133 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*68.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*68.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*224 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*63.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*71.7 %*			*25-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6050**		mg/kg dry	4.38	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	**Antimony**	**6.47**		mg/kg dry	2.19	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	**Arsenic**	**7.82**		mg/kg dry	1.32	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**60.2**		mg/kg dry	2.19	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.227**		mg/kg dry	0.044	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.684**		mg/kg dry	0.263	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**87600**		mg/kg dry	4.39	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.439	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.49**		mg/kg dry	0.350	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**60.6**		mg/kg dry	1.75	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**14600**		mg/kg dry	21.9	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**276**		mg/kg dry	0.439	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**13300**		mg/kg dry	4.39	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-20 0.5-1 20250618 **York Sample ID:** 25F1350-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1350	20240228-0006	Soil	June 18, 2025 5:15 pm	06/20/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**306**		mg/kg dry	0.439	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**12.8**		mg/kg dry	0.874	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1460**		mg/kg dry	4.39	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.442	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**1240**		mg/kg dry	43.9	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.76	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.7**		mg/kg dry	0.874	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**764**		mg/kg dry	2.18	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:34	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**	**1.91**		mg/kg dry	0.0316	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							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**	**95.0**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BF51585 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-02	SB-15 0.5-1.5 20250618	06/23/25
25F1350-03	SB-16 0.5-1 20250618	06/23/25
25F1350-04	SB-17 0.5-1.5 20250618	06/23/25
25F1350-05	SB-18 0.5-1 20250618	06/23/25
25F1350-06	SB-19 0.5-1.5 20250618	06/23/25
25F1350-07	SB-20 0.5-1 20250618	06/23/25

Batch ID: BF51605 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-01	FB-01 20250618	06/23/25
BF51605-BLK1	Blank	06/23/25
BF51605-BS1	LCS	06/23/25
BF51605-BS2	LCS	06/23/25

Batch ID: BF51719 **Preparation Method:** EPA 3550C **Prepared By:** FA

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-02	SB-15 0.5-1.5 20250618	06/24/25
25F1350-03	SB-16 0.5-1 20250618	06/24/25
25F1350-04	SB-17 0.5-1.5 20250618	06/24/25
25F1350-05	SB-18 0.5-1 20250618	06/24/25
25F1350-06	SB-19 0.5-1.5 20250618	06/24/25
25F1350-07	SB-20 0.5-1 20250618	06/24/25
BF51719-BLK1	Blank	06/24/25
BF51719-BS1	LCS	06/24/25

Batch ID: BF51723 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-02	SB-15 0.5-1.5 20250618	06/24/25
25F1350-03	SB-16 0.5-1 20250618	06/24/25
BF51723-BLK1	Blank	06/24/25
BF51723-SRM1	Reference	06/24/25

Batch ID: BF51725 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-04	SB-17 0.5-1.5 20250618	06/24/25
25F1350-05	SB-18 0.5-1 20250618	06/24/25
25F1350-06	SB-19 0.5-1.5 20250618	06/24/25
25F1350-07	SB-20 0.5-1 20250618	06/24/25
BF51725-BLK1	Blank	06/24/25

BF51725-SRM1	Reference	06/24/25

Batch ID: BF51734 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-02	SB-15 0.5-1.5 20250618	06/24/25
25F1350-03	SB-16 0.5-1 20250618	06/24/25
25F1350-04	SB-17 0.5-1.5 20250618	06/24/25
25F1350-05	SB-18 0.5-1 20250618	06/24/25
25F1350-06	SB-19 0.5-1.5 20250618	06/24/25
25F1350-07	SB-20 0.5-1 20250618	06/24/25
BF51734-BLK1	Blank	06/24/25
BF51734-SRM1	Reference	06/24/25

Batch ID: BF51809 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-02	SB-15 0.5-1.5 20250618	06/25/25
25F1350-07	SB-20 0.5-1 20250618	06/25/25
BF51809-BLK1	Blank	06/25/25
BF51809-BS1	LCS	06/25/25
BF51809-BS2	LCS	06/25/25

Batch ID: BG50093 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F1350-02	SB-15 0.5-1.5 20250618	07/01/25
25F1350-03	SB-16 0.5-1 20250618	07/01/25
25F1350-04	SB-17 0.5-1.5 20250618	07/01/25
25F1350-05	SB-18 0.5-1 20250618	07/01/25
25F1350-06	SB-19 0.5-1.5 20250618	07/01/25
25F1350-07	SB-20 0.5-1 20250618	07/01/25
BG50093-BLK1	Blank	07/01/25
BG50093-BS1	LCS	07/01/25
BG50093-BSD1	LCS Dup	07/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
Blank (BG50093-BLK1)									Prepared & Analyzed: 07/01/2025		
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
Blank (BG50093-BLK1)									Prepared & Analyzed: 07/01/2025		
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	0.025	"								
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	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*ug/L*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
LCS (BG50093-BS1)									Prepared & Analyzed: 07/01/2025		
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	43.9		"	50.0		87.8	71-137				
1,1,2,2-Tetrachloroethane	54.8		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.5		"	50.0		85.0	58-146				
1,1,2-Trichloroethane	53.0		"	50.0		106	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	44.9		"	50.0		89.9	64-137				
1,2,3-Trichlorobenzene	54.5		"	50.0		109	81-140				
1,2,3-Trichloropropane	55.1		"	50.0		110	81-126				
1,2,4-Trichlorobenzene	53.4		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	50.4		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	53.6		"	50.0		107	74-142				
1,2-Dibromoethane	52.9		"	50.0		106	86-123				
1,2-Dichlorobenzene	50.7		"	50.0		101	85-122				
1,2-Dichloroethane	49.9		"	50.0		99.9	71-133				
1,2-Dichloropropane	49.6		"	50.0		99.1	81-122				
1,3,5-Trimethylbenzene	50.4		"	50.0		101	82-126				
1,3-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dichlorobenzene	49.6		"	50.0		99.2	84-124				
1,4-Dioxane	722		"	1050		68.7	10-228				
2-Butanone	51.4		"	50.0		103	58-147				
2-Hexanone	52.8		"	50.0		106	70-139				
4-Methyl-2-pentanone	41.3		"	50.0		82.7	72-132				
Acetone	37.4		"	50.0		74.9	36-155				
Acrolein	31.6		"	50.0		63.1	10-238				
Acrylonitrile	57.7		"	50.0		115	66-141				
Benzene	48.6		"	50.0		97.3	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
LCS (BG50093-BS1)							Prepared & Analyzed: 07/01/2025				
Bromochloromethane	50.3		ug/L	50.0		101	74-129				
Bromodichloromethane	50.8		"	50.0		102	81-124				
Bromoform	53.5		"	50.0		107	80-136				
Bromomethane	41.7		"	50.0		83.4	32-177				
Carbon disulfide	44.5		"	50.0		89.1	10-136				
Carbon tetrachloride	44.3		"	50.0		88.6	66-143				
Chlorobenzene	49.4		"	50.0		98.9	86-120				
Chloroethane	42.7		"	50.0		85.3	51-142				
Chloroform	48.8		"	50.0		97.5	76-131				
Chloromethane	33.8		"	50.0		67.6	49-132				
cis-1,2-Dichloroethylene	48.7		"	50.0		97.5	74-132				
cis-1,3-Dichloropropylene	50.7		"	50.0		101	81-129				
Cyclohexane	42.4		"	50.0		84.7	70-130				
Dibromochloromethane	52.9		"	50.0		106	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	26.7		"	50.0		53.3	28-158				
Ethyl Benzene	48.9		"	50.0		97.9	84-125				
Hexachlorobutadiene	48.8		"	50.0		97.5	83-133				
Isopropylbenzene	48.2		"	50.0		96.5	81-127				
Methyl acetate	48.3		"	50.0		96.5	41-143				
Methyl tert-butyl ether (MTBE)	52.4		"	50.0		105	74-131				
Methylcyclohexane	42.7		"	50.0		85.4	70-130				
Methylene chloride	51.4		"	50.0		103	57-141				
n-Butylbenzene	47.2		"	50.0		94.3	80-130				
n-Propylbenzene	47.1		"	50.0		94.1	74-136				
o-Xylene	48.7		"	50.0		97.3	83-123				
p- & m- Xylenes	92.6		"	100		92.6	82-128				
p-Isopropyltoluene	49.0		"	50.0		98.1	85-125				
sec-Butylbenzene	48.8		"	50.0		97.6	83-125				
Styrene	52.7		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	286		"	250		114	70-130				
tert-Butylbenzene	41.8		"	50.0		83.6	80-127				
Tetrachloroethylene	41.9		"	50.0		83.9	80-129				
Toluene	48.0		"	50.0		96.0	85-121				
trans-1,2-Dichloroethylene	46.3		"	50.0		92.5	72-132				
trans-1,3-Dichloropropylene	52.4		"	50.0		105	78-132				
Trichloroethylene	47.2		"	50.0		94.5	84-123				
Trichlorofluoromethane	38.7		"	50.0		77.3	62-140				
Vinyl Chloride	36.3		"	50.0		72.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
LCS Dup (BG50093-BSD1)							Prepared & Analyzed: 07/01/2025				
1,1,1,2-Tetrachloroethane	50.1		ug/L	50.0		100	75-129		1.49	30	
1,1,1-Trichloroethane	43.0		"	50.0		86.0	71-137		2.07	30	
1,1,2,2-Tetrachloroethane	54.9		"	50.0		110	79-129		0.237	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.5	58-146		2.96	30	
1,1,2-Trichloroethane	53.0		"	50.0		106	83-123		0.00	30	
1,1-Dichloroethane	46.9		"	50.0		93.8	75-130		0.213	30	
1,1-Dichloroethylene	43.3		"	50.0		86.6	64-137		3.69	30	
1,2,3-Trichlorobenzene	55.0		"	50.0		110	81-140		0.986	30	
1,2,3-Trichloropropane	54.5		"	50.0		109	81-126		1.06	30	
1,2,4-Trichlorobenzene	53.2		"	50.0		106	80-141		0.319	30	
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125		0.478	30	
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142		0.0560	30	
1,2-Dibromoethane	52.6		"	50.0		105	86-123		0.493	30	
1,2-Dichlorobenzene	50.6		"	50.0		101	85-122		0.158	30	
1,2-Dichloroethane	50.4		"	50.0		101	71-133		0.858	30	
1,2-Dichloropropane	49.7		"	50.0		99.5	81-122		0.363	30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126		0.478	30	
1,3-Dichlorobenzene	48.7		"	50.0		97.4	84-124		0.981	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124		0.972	30	
1,4-Dioxane	728		"	1050		69.3	10-228		0.810	30	
2-Butanone	50.0		"	50.0		100	58-147		2.58	30	
2-Hexanone	53.2		"	50.0		106	70-139		0.849	30	
4-Methyl-2-pentanone	40.8		"	50.0		81.6	72-132		1.27	30	
Acetone	35.4		"	50.0		70.8	36-155		5.63	30	
Acrolein	30.5		"	50.0		61.1	10-238		3.35	30	
Acrylonitrile	56.9		"	50.0		114	66-141		1.36	30	
Benzene	48.5		"	50.0		97.1	77-127		0.206	30	
Bromochloromethane	49.8		"	50.0		99.6	74-129		1.04	30	
Bromodichloromethane	50.5		"	50.0		101	81-124		0.632	30	
Bromoform	53.1		"	50.0		106	80-136		0.788	30	
Bromomethane	41.5		"	50.0		83.0	32-177		0.385	30	
Carbon disulfide	43.0		"	50.0		86.0	10-136		3.56	30	
Carbon tetrachloride	43.2		"	50.0		86.5	66-143		2.47	30	
Chlorobenzene	49.3		"	50.0		98.6	86-120		0.304	30	
Chloroethane	41.6		"	50.0		83.1	51-142		2.64	30	
Chloroform	48.3		"	50.0		96.5	76-131		1.01	30	
Chloromethane	34.1		"	50.0		68.3	49-132		0.942	30	
cis-1,2-Dichloroethylene	48.1		"	50.0		96.1	74-132		1.38	30	
cis-1,3-Dichloropropylene	50.8		"	50.0		102	81-129		0.236	30	
Cyclohexane	41.6		"	50.0		83.2	70-130		1.76	30	
Dibromochloromethane	52.8		"	50.0		106	10-200		0.227	30	
Dibromomethane	50.8		"	50.0		102	83-124		0.513	30	
Dichlorodifluoromethane	24.2		"	50.0		48.4	28-158		9.67	30	
Ethyl Benzene	48.5		"	50.0		96.9	84-125		0.945	30	
Hexachlorobutadiene	48.0		"	50.0		96.1	83-133		1.49	30	
Isopropylbenzene	48.1		"	50.0		96.1	81-127		0.374	30	
Methyl acetate	48.7		"	50.0		97.4	41-143		0.866	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	74-131		0.746	30	
Methylcyclohexane	42.0		"	50.0		84.1	70-130		1.53	30	
Methylene chloride	51.4		"	50.0		103	57-141		0.0389	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
LCS Dup (BG50093-BSD1)								Prepared & Analyzed: 07/01/2025			
n-Butylbenzene	47.2		ug/L	50.0		94.3	80-130		0.0212	30	
n-Propylbenzene	46.4		"	50.0		92.9	74-136		1.33	30	
o-Xylene	48.3		"	50.0		96.5	83-123		0.805	30	
p- & m- Xylenes	92.1		"	100		92.1	82-128		0.606	30	
p-Isopropyltoluene	48.7		"	50.0		97.5	85-125		0.614	30	
sec-Butylbenzene	48.5		"	50.0		97.1	83-125		0.534	30	
Styrene	52.4		"	50.0		105	86-126		0.457	30	
tert-Butyl alcohol (TBA)	283		"	250		113	70-130		1.11	30	
tert-Butylbenzene	41.8		"	50.0		83.7	80-127		0.0239	30	
Tetrachloroethylene	41.8		"	50.0		83.6	80-129		0.263	30	
Toluene	47.8		"	50.0		95.5	85-121		0.439	30	
trans-1,2-Dichloroethylene	45.6		"	50.0		91.3	72-132		1.35	30	
trans-1,3-Dichloropropylene	52.6		"	50.0		105	78-132		0.381	30	
Trichloroethylene	46.7		"	50.0		93.4	84-123		1.21	30	
Trichlorofluoromethane	37.4		"	50.0		74.7	62-140		3.39	30	
Vinyl Chloride	35.0		"	50.0		69.9	52-130		3.82	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
Blank (BF51719-BLK1)											Prepared & Analyzed: 06/24/2025
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
Blank (BF51719-BLK1)											Prepared & Analyzed: 06/24/2025
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.13*		"	*1.67*		*67.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.862*		"	*1.67*		*51.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.447*		"	*0.833*		*53.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.445*		"	*0.833*		*53.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.06*		"	*1.67*		*63.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.556*		"	*0.833*		*66.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
LCS (BF51719-BS1)							Prepared & Analyzed: 06/24/2025				
1,1-Biphenyl	0.613	0.0417	mg/kg wet	0.833		73.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.525	0.0833	"	0.833		63.0	21-131				
1,2,4-Trichlorobenzene	0.698	0.0417	"	0.833		83.8	10-140				
1,2-Dichlorobenzene	0.601	0.0417	"	0.833		72.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.577	0.0417	"	0.833		69.2	17-137				
1,3-Dichlorobenzene	0.629	0.0417	"	0.833		75.5	33-110				
1,4-Dichlorobenzene	0.633	0.0417	"	0.833		76.0	32-104				
2,3,4,6-Tetrachlorophenol	0.726	0.0833	"	0.833		87.1	30-130				
2,4,5-Trichlorophenol	0.678	0.0417	"	0.833		81.4	27-118				
2,4,6-Trichlorophenol	0.710	0.0417	"	0.833		85.2	31-120				
2,4-Dichlorophenol	0.722	0.0417	"	0.833		86.6	20-127				
2,4-Dimethylphenol	0.723	0.0417	"	0.833		86.8	14-132				
2,4-Dinitrophenol	0.680	0.0833	"	0.833		81.6	10-171				
2,4-Dinitrotoluene	0.667	0.0417	"	0.833		80.0	34-131				
2,6-Dinitrotoluene	0.670	0.0417	"	0.833		80.4	31-128				
2-Chloronaphthalene	0.617	0.0417	"	0.833		74.1	31-117				
2-Chlorophenol	0.679	0.0417	"	0.833		81.4	33-113				
2-Methylnaphthalene	0.626	0.0417	"	0.833		75.2	12-138				
2-Methylphenol	0.670	0.0417	"	0.833		80.4	10-136				
2-Nitroaniline	0.657	0.0833	"	0.833		78.8	27-132				
2-Nitrophenol	0.696	0.0417	"	0.833		83.5	17-129				
3- & 4-Methylphenols	0.554	0.0417	"	0.833		66.5	29-103				
3,3-Dichlorobenzidine	0.598	0.0417	"	0.833		71.8	22-149				
3-Nitroaniline	0.593	0.0833	"	0.833		71.2	20-133				
4,6-Dinitro-2-methylphenol	0.708	0.0833	"	0.833		85.0	10-143				
4-Bromophenyl phenyl ether	0.635	0.0417	"	0.833		76.2	29-120				
4-Chloro-3-methylphenol	0.745	0.0417	"	0.833		89.4	24-129				
4-Chloroaniline	0.516	0.0417	"	0.833		61.9	10-132				
4-Chlorophenyl phenyl ether	0.641	0.0417	"	0.833		76.9	27-124				
4-Nitroaniline	0.586	0.0833	"	0.833		70.3	16-128				
4-Nitrophenol	0.423	0.0833	"	0.833		50.7	10-141				
Acenaphthene	0.596	0.0417	"	0.833		71.5	30-121				
Acenaphthylene	0.659	0.0417	"	0.833		79.1	30-115				
Acetophenone	0.513	0.0417	"	0.833		61.5	20-112				
Aniline	0.500	0.167	"	0.833		60.0	10-119				
Anthracene	0.669	0.0417	"	0.833		80.3	34-118				
Atrazine	0.579	0.0417	"	0.833		69.4	26-112				
Benzaldehyde	0.532	0.0417	"	0.833		63.8	21-100				
Benzo(a)anthracene	0.691	0.0417	"	0.833		82.9	32-122				
Benzo(a)pyrene	0.586	0.0417	"	0.833		70.3	29-133				
Benzo(b)fluoranthene	0.632	0.0417	"	0.833		75.8	25-133				
Benzo(g,h,i)perylene	0.712	0.0417	"	0.833		85.4	10-143				
Benzo(k)fluoranthene	0.613	0.0417	"	0.833		73.6	25-128				
Benzoic acid	0.797	0.0417	"	0.833		95.7	10-140				
Benzyl alcohol	0.638	0.0417	"	0.833		76.5	30-115				
Benzyl butyl phthalate	0.733	0.0417	"	0.833		88.0	26-126				
Bis(2-chloroethoxy)methane	0.654	0.0417	"	0.833		78.5	19-132				
Bis(2-chloroethyl)ether	0.643	0.0417	"	0.833		77.2	19-125				
Bis(2-chloroisopropyl)ether	0.662	0.0417	"	0.833		79.4	20-135				
Bis(2-ethylhexyl)phthalate	0.727	0.0417	"	0.833		87.2	10-155				
Caprolactam	0.589	0.0833	"	0.833		70.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
LCS (BF51719-BS1)							Prepared & Analyzed: 06/24/2025				
Carbazole	0.634	0.0417	mg/kg wet	0.833		76.1	35-123				
Chrysene	0.660	0.0417	"	0.833		79.2	32-123				
Dibenzo(a,h)anthracene	0.675	0.0417	"	0.833		81.0	10-136				
Dibenzofuran	0.636	0.0417	"	0.833		76.3	29-121				
Diethyl phthalate	0.643	0.0417	"	0.833		77.1	34-116				
Dimethyl phthalate	0.639	0.0417	"	0.833		76.6	35-124				
Di-n-butyl phthalate	0.653	0.0417	"	0.833		78.4	31-116				
Di-n-octyl phthalate	0.693	0.0417	"	0.833		83.2	26-136				
Fluoranthene	0.608	0.0417	"	0.833		73.0	33-122				
Fluorene	0.673	0.0417	"	0.833		80.7	29-123				
Hexachlorobenzene	0.625	0.0417	"	0.833		75.0	21-124				
Hexachlorobutadiene	0.727	0.0417	"	0.833		87.2	10-149				
Hexachlorocyclopentadiene	0.457	0.0417	"	0.833		54.8	10-129				
Hexachloroethane	0.629	0.0417	"	0.833		75.4	28-108				
Indeno(1,2,3-cd)pyrene	0.746	0.0417	"	0.833		89.6	10-135				
Isophorone	0.689	0.0417	"	0.833		82.7	20-132				
Naphthalene	0.683	0.0417	"	0.833		82.0	23-124				
Nitrobenzene	0.645	0.0417	"	0.833		77.4	13-132				
N-Nitrosodimethylamine	0.537	0.0417	"	0.833		64.5	11-129				
N-nitroso-di-n-propylamine	0.606	0.0417	"	0.833		72.8	24-119				
N-Nitrosodiphenylamine	0.711	0.0417	"	0.833		85.3	22-152				
Pentachlorophenol	0.539	0.0417	"	0.833		64.7	10-139				
Phenanthrene	0.657	0.0417	"	0.833		78.9	33-123				
Phenol	0.673	0.0417	"	0.833		80.7	23-115				
Pyrene	0.759	0.0417	"	0.833		91.0	24-130				
Pyridine	0.487	0.167	"	0.833		58.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.67*		*70.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.07*		"	*1.67*		*64.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.503*		"	*0.833*		*60.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.494*		"	*0.833*		*59.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		"	*1.67*		*70.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.587*		"	*0.833*		*70.4*	*24-116*				

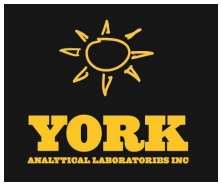
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51605 - EPA 1633 Prep											
Blank (BF51605-BLK1)											Prepared: 06/23/2025 Analyzed: 06/24/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*24.7*		*"*	*23.3*		*106*	*25-150*				
Surrogate: M5PFHxA	*40.7*		*"*	*25.0*		*163*	*25-150*				
Surrogate: M4PFHpA	*37.2*		*"*	*25.0*		*149*	*25-150*				
Surrogate: M3PFHxS	*28.9*		*"*	*23.7*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.9*		*"*	*25.0*		*128*	*25-150*				
Surrogate: M6PFDA	*18.1*		*"*	*12.5*		*145*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51605 - EPA 1633 Prep											
Blank (BF51605-BLK1)								Prepared: 06/23/2025 Analyzed: 06/24/2025			
Surrogate: M7PFUdA	*17.3*		*ng/L*	*12.5*		*138*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.9*		*"*	*12.5*		*119*	*25-150*				
Surrogate: M2PFTeDA	*10.8*		*"*	*12.5*		*86.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.93*		*"*	*100*		*3.93*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.9*		*"*	*24.0*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.5*		*"*	*50.0*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.9*		*"*	*25.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.0*		*"*	*50.0*		*72.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*44.4*		*"*	*50.0*		*88.8*	*25-150*				
Surrogate: M2-6:2 FTS	*43.3*		*"*	*47.6*		*91.1*	*25-200*				
Surrogate: M2-8:2 FTS	*39.3*		*"*	*48.0*		*81.9*	*25-200*				
Surrogate: M9PFNA	*15.3*		*"*	*12.5*		*123*	*25-150*				
Surrogate: M2-4:2 FTS	*49.3*		*"*	*46.9*		*105*	*25-150*				
Surrogate: d-N-MeFOSA	*26.1*		*"*	*25.0*		*104*	*25-150*				
Surrogate: d-N-EtFOSA	*26.4*		*"*	*25.0*		*106*	*25-150*				
Surrogate: M3HFPO-DA	*177*		*"*	*100*		*177*	*25-150*				
Surrogate: d9-N-EtFOSE	*191*		*"*	*250*		*76.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*223*		*"*	*250*		*89.4*	*25-150*				
LCS (BF51605-BS1)								Prepared: 06/23/2025 Analyzed: 06/24/2025			
Perfluorobutanesulfonic acid (PFBS)	46.1	1.77	ng/L	35.4		130	50-150				
Perfluorohexanoic acid (PFHxA)	45.7	2.00	"	40.0		114	50-150				
Perfluoroheptanoic acid (PFHpA)	43.6	2.00	"	40.0		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	41.1	1.83	"	36.6		112	50-150				
Perfluorooctanoic acid (PFOA)	38.5	2.00	"	40.0		96.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	41.3	1.86	"	37.2		111	50-150				
Perfluorononanoic acid (PFNA)	45.2	2.00	"	40.0		113	50-150				
Perfluorodecanoic acid (PFDA)	40.6	2.00	"	40.0		101	50-150				
Perfluoroundecanoic acid (PFUnA)	46.3	2.00	"	40.0		116	50-150				
Perfluorododecanoic acid (PFDoA)	42.7	2.00	"	40.0		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	45.2	2.00	"	40.0		113	50-150				
Perfluorotetradecanoic acid (PFTA)	52.0	2.00	"	40.0		130	50-150				
N-MeFOSAA	55.6	2.00	"	40.0		139	50-150				
N-EtFOSAA	48.5	2.00	"	40.0		121	50-150				
Perfluoropentanoic acid (PFPeA)	96.7	4.00	"	80.0		121	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	49.8	2.00	"	40.0		124	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	42.4	1.91	"	38.2		111	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	41.6	1.93	"	38.6		108	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	167	7.60	"	152		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	174	7.68	"	154		113	50-150				
Perfluoro-n-butanoic acid (PFBA)	143	8.00	"	160		89.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	94.3	3.56	"	71.2		132	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	58.7	4.00	"	80.0		73.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	21.3	4.00	"	80.0		26.7	50-150	Low Bias			

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

York Analytical Laboratories, Inc.

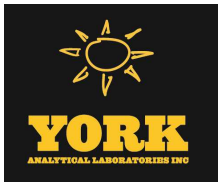
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51605 - EPA 1633 Prep											
LCS (BF51605-BS1)								Prepared: 06/23/2025 Analyzed: 06/24/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	145	4.00	ng/L	80.0		182	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	45.3	1.88	"	37.6		121	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	179	7.50	"	150		119	50-150				
HFPO-DA (Gen-X)	104	8.00	"	80.0		130	50-150				
11CL-PF3OUdS	88.4	7.56	"	75.6		117	50-150				
9CL-PF3ONS	87.5	7.48	"	74.8		117	50-150				
ADONA	86.9	7.56	"	75.6		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	32.2	1.94	"	38.8		83.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.0	1.92	"	38.4		115	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	122	5.00	"	160		76.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	906	25.0	"	800		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	997	25.0	"	800		125	50-150				
N-MeFOSE	462	20.0	"	400		116	50-150				
N-MeFOSA	36.1	2.00	"	40.0		90.2	50-150				
N-EtFOSE	481	20.0	"	400		120	50-150				
N-EtFOSA	40.2	2.00	"	40.0		101	50-150				
Surrogate: M3PFBS	*27.8*		"	*23.3*		*119*	*25-150*				
Surrogate: M5PFHxA	*38.4*		"	*25.0*		*154*	*25-150*				
Surrogate: M4PFHpA	*33.6*		"	*25.0*		*134*	*25-150*				
Surrogate: M3PFHxS	*29.6*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.0*		"	*25.0*		*120*	*25-150*				
Surrogate: M6PFDA	*17.6*		"	*12.5*		*141*	*25-150*				
Surrogate: M7PFUdA	*18.0*		"	*12.5*		*144*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		"	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*12.0*		"	*12.5*		*95.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.74*		"	*100*		*3.74*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.9*		"	*24.0*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*48.4*		"	*50.0*		*96.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.9*		"	*25.0*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*37.6*		"	*50.0*		*75.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*44.4*		"	*50.0*		*88.8*	*25-150*				
Surrogate: M2-6:2 FTS	*40.4*		"	*47.6*		*85.0*	*25-200*				
Surrogate: M2-8:2 FTS	*41.2*		"	*48.0*		*85.9*	*25-200*				
Surrogate: M9PFNA	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*41.9*		"	*46.9*		*89.4*	*25-150*				
Surrogate: d-N-MeFOSA	*26.2*		"	*25.0*		*105*	*25-150*				
Surrogate: d-N-EtFOSA	*25.0*		"	*25.0*		*100*	*25-150*				
Surrogate: M3HFPO-DA	*161*		"	*100*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*196*		"	*250*		*78.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*213*		"	*250*		*85.1*	*25-150*				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51605 - EPA 1633 Prep											
LCS (BF51605-BS2)								Prepared: 06/23/2025 Analyzed: 06/24/2025			
Perfluorobutanesulfonic acid (PFBS)	4.82	1.77	ng/L	3.54		136	50-150				
Perfluorohexanoic acid (PFHxA)	4.80	2.00	"	4.00		120	50-150				
Perfluoroheptanoic acid (PFHpA)	3.90	2.00	"	4.00		97.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.53	1.83	"	3.66		96.5	50-150				
Perfluorooctanoic acid (PFOA)	3.51	2.00	"	4.00		87.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.34	1.86	"	3.72		117	50-150				
Perfluorononanoic acid (PFNA)	3.64	2.00	"	4.00		91.0	50-150				
Perfluorodecanoic acid (PFDA)	3.88	2.00	"	4.00		97.0	50-150				
Perfluoroundecanoic acid (PFUnA)	5.17	2.00	"	4.00		129	50-150				
Perfluorododecanoic acid (PFDoA)	4.11	2.00	"	4.00		103	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.37	2.00	"	4.00		109	50-150				
Perfluorotetradecanoic acid (PFTA)	4.17	2.00	"	4.00		104	50-150				
N-MeFOSAA	5.33	2.00	"	4.00		133	50-150				
N-EtFOSAA	4.34	2.00	"	4.00		108	50-150				
Perfluoropentanoic acid (PFPeA)	9.51	4.00	"	8.00		119	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.59	2.00	"	4.00		115	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.70	1.91	"	3.82		123	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.51	1.93	"	3.86		91.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	7.60	"	15.2		99.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.2	7.68	"	15.4		92.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.9	8.00	"	16.0		87.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.28	3.56	"	7.12		130	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.64	4.00	"	8.00		70.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.92	4.00	"	8.00		24.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	15.6	4.00	"	8.00		195	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	4.40	1.88	"	3.76		117	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.6	7.50	"	15.0		90.8	50-150				
HFPO-DA (Gen-X)	7.86	8.00	"	8.00		98.2	50-150				
11CL-PF3OUdS	8.93	7.56	"	7.56		118	50-150				
9CL-PF3ONS	8.82	7.48	"	7.48		118	50-150				
ADONA	8.06	7.56	"	7.56		107	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.42	1.94	"	3.88		88.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.16	1.92	"	3.84		108	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.8	5.00	"	16.0		86.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	95.5	25.0	"	80.0		119	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	106	25.0	"	80.0		132	50-150				
N-MeFOSE	46.7	20.0	"	40.0		117	50-150				
N-MeFOSA	5.06	2.00	"	4.00		127	50-150				
N-EtFOSE	48.0	20.0	"	40.0		120	50-150				
N-EtFOSA	4.15	2.00	"	4.00		104	50-150				
Surrogate: M3PFBS	*23.7*		"	*23.3*		*102*	*25-150*				
Surrogate: M5PFHxA	*37.3*		"	*25.0*		*149*	*25-150*				
Surrogate: M4PFHpA	*34.4*		"	*25.0*		*138*	*25-150*				
Surrogate: M3PFHxS	*27.0*		"	*23.7*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.3*		"	*25.0*		*117*	*25-150*				
Surrogate: M6PFDA	*16.5*		"	*12.5*		*132*	*25-150*				

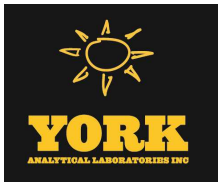


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51605 - EPA 1633 Prep											
LCS (BF51605-BS2)											
Surrogate: M7PFUdA	*16.8*		*ng/L*	*12.5*		*135*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.6*		*"*	*12.5*		*117*	*25-150*				
Surrogate: M2PFTeDA	*12.7*		*"*	*12.5*		*101*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.80*		*"*	*100*		*2.80*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.6*		*"*	*24.0*		*132*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*37.5*		*"*	*50.0*		*75.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.7*		*"*	*25.0*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*40.9*		*"*	*50.0*		*81.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.8*		*"*	*50.0*		*95.6*	*25-150*				
Surrogate: M2-6:2 FTS	*43.6*		*"*	*47.6*		*91.6*	*25-200*				
Surrogate: M2-8:2 FTS	*41.8*		*"*	*48.0*		*87.0*	*25-200*				
Surrogate: M9PFNA	*14.0*		*"*	*12.5*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*44.2*		*"*	*46.9*		*94.2*	*25-150*				
Surrogate: d-N-MeFOSA	*24.8*		*"*	*25.0*		*99.3*	*25-150*				
Surrogate: d-N-EtFOSA	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*164*		*"*	*100*		*164*	*25-150*				
Surrogate: d9-N-EtFOSE	*199*		*"*	*250*		*79.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*215*		*"*	*250*		*86.0*	*25-150*				
Batch BF51809 - EPA 1633 Prep											
Blank (BF51809-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51809 - EPA 1633 Prep											
Blank (BF51809-BLK1)											Prepared: 06/25/2025 Analyzed: 06/26/2025
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	ug/kg wet								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*3.33*		"	*2.33*		*143*	*25-150*				
Surrogate: M5PFHxA	*4.03*		"	*2.50*		*161*	*25-150*				
Surrogate: M4PFHpA	*2.52*		"	*2.50*		*101*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		"	*2.50*		*108*	*25-150*				
Surrogate: M6PFDA	*1.57*		"	*1.25*		*126*	*25-150*				
Surrogate: M7PFUdA	*1.75*		"	*1.25*		*140*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.54*		"	*1.25*		*123*	*25-150*				
Surrogate: M2PFTeDA	*1.51*		"	*1.25*		*121*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*14.5*		"	*10.0*		*145*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.76*		"	*2.40*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*10.9*		"	*5.00*		*218*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.28*		"	*2.50*		*91.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.10*		"	*5.00*		*82.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.96*		"	*5.00*		*99.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.16*		"	*4.76*		*87.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.52*		"	*4.80*		*73.3*	*25-200*				
Surrogate: M9PFNA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*5.14*		"	*4.69*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		"	*2.50*		*67.7*	*25-150*				
Surrogate: d-N-EtFOSA	*2.06*		"	*2.50*		*82.4*	*25-150*				
Surrogate: M3HFPO-DA	*21.1*		"	*10.0*		*211*	*25-150*				
Surrogate: d9-N-EtFOSE	*20.0*		"	*25.0*		*79.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*21.5*		"	*25.0*		*85.9*	*25-150*				

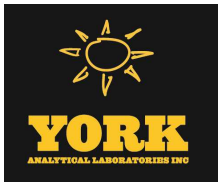


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51809 - EPA 1633 Prep											
LCS (BF51809-BS1)								Prepared: 06/25/2025 Analyzed: 06/26/2025			
Perfluorobutanesulfonic acid (PFBS)	3.70	0.177	ug/kg wet	3.54		104	50-150				
Perfluorohexanoic acid (PFHxA)	3.67	0.200	"	4.00		91.8	50-150				
Perfluoroheptanoic acid (PFHpA)	4.38	0.200	"	4.00		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.44	0.183	"	3.66		94.0	50-150				
Perfluorooctanoic acid (PFOA)	3.51	0.200	"	4.00		87.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.24	0.186	"	3.72		87.1	50-150				
Perfluorononanoic acid (PFNA)	3.53	0.200	"	4.00		88.2	50-150				
Perfluorodecanoic acid (PFDA)	3.68	0.200	"	4.00		92.0	50-150				
Perfluoroundecanoic acid (PFUnA)	4.22	0.200	"	4.00		105	50-150				
Perfluorododecanoic acid (PFDoA)	3.78	0.200	"	4.00		94.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.18	0.200	"	4.00		105	50-150				
Perfluorotetradecanoic acid (PFTA)	4.48	0.200	"	4.00		112	50-150				
N-MeFOSAA	4.17	0.200	"	4.00		104	50-150				
N-EtFOSAA	3.68	0.200	"	4.00		92.1	50-150				
Perfluoropentanoic acid (PFPeA)	8.62	0.400	"	8.00		108	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.83	0.200	"	4.00		95.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.52	0.200	"	3.82		92.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.94	0.193	"	3.86		76.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	0.760	"	15.2		99.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.6	0.768	"	15.4		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.0	0.800	"	16.0		87.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.41	0.356	"	7.12		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.40	0.400	"	8.00		92.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.57	0.400	"	8.00		120	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.47	0.400	"	8.00		106	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.99	0.188	"	3.76		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.9	0.750	"	15.0		112	50-150				
HFPO-DA (Gen-X)	4.97	0.800	"	8.00		62.2	50-150				
11CL-PF3OUdS	3.39	0.756	"	7.56		44.9	50-150	Low Bias			
9CL-PF3ONS	3.83	0.748	"	7.48		51.2	50-150				
ADONA	7.72	0.756	"	7.56		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.194	"	3.88		46.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.26	0.192	"	3.84		84.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	15.8	1.00	"	16.0		98.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	64.3	5.00	"	80.0		80.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.1	5.00	"	80.0		68.9	50-150				
N-MeFOSE	39.0	2.00	"	40.0		97.5	50-150				
N-MeFOSA	4.18	0.200	"	4.00		104	50-150				
N-EtFOSE	42.2	2.00	"	40.0		106	50-150				
N-EtFOSA	3.91	0.200	"	4.00		97.7	50-150				
Surrogate: M3PFBS	*3.48*		*"*	*2.33*		*149*	*25-150*				
Surrogate: M5PFHxA	*4.11*		*"*	*2.50*		*164*	*25-150*				
Surrogate: M4PFHpA	*2.64*		*"*	*2.50*		*106*	*25-150*				
Surrogate: M3PFHxS	*2.73*		*"*	*2.37*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.72*		*"*	*2.50*		*109*	*25-150*				
Surrogate: M6PFDA	*1.42*		*"*	*1.25*		*114*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51809 - EPA 1633 Prep											
LCS (BF51809-BS1)									Prepared: 06/25/2025 Analyzed: 06/26/2025		
Surrogate: M7PFUdA	*1.39*		*ug/kg wet*	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.31*		*"*	*1.25*		*105*	*25-150*				
Surrogate: M2PFTeDA	*1.25*		*"*	*1.25*		*100*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.7*		*"*	*10.0*		*137*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		*"*	*2.40*		*98.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*10.8*		*"*	*5.00*		*216*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.14*		*"*	*2.50*		*85.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.26*		*"*	*5.00*		*65.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.99*		*"*	*5.00*		*79.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.77*		*"*	*4.76*		*79.4*	*25-200*				
Surrogate: M2-8:2 FTS	*2.93*		*"*	*4.80*		*61.0*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.25*		*98.3*	*25-150*				
Surrogate: M2-4:2 FTS	*4.70*		*"*	*4.69*		*100*	*25-150*				
Surrogate: d-N-MeFOSA	*1.53*		*"*	*2.50*		*61.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.71*		*"*	*2.50*		*68.2*	*25-150*				
Surrogate: M3HFPO-DA	*20.4*		*"*	*10.0*		*204*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.7*		*"*	*25.0*		*58.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.9*		*"*	*25.0*		*71.5*	*25-150*				
LCS (BF51809-BS2)									Prepared: 06/25/2025 Analyzed: 06/26/2025		
Perfluorobutanesulfonic acid (PFBS)	0.352	0.177	ug/kg wet	0.354		99.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.346	0.200	"	0.400		86.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.386	0.200	"	0.400		96.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.307	0.183	"	0.366		83.9	50-150				
Perfluorooctanoic acid (PFOA)	0.318	0.200	"	0.400		79.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.341	0.186	"	0.372		91.6	50-150				
Perfluorononanoic acid (PFNA)	0.345	0.200	"	0.400		86.2	50-150				
Perfluorodecanoic acid (PFDA)	0.338	0.200	"	0.400		84.4	50-150				
Perfluoroundecanoic acid (PFUnA)	0.427	0.200	"	0.400		107	50-150				
Perfluorododecanoic acid (PFDoA)	0.383	0.200	"	0.400		95.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.384	0.200	"	0.400		96.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.437	0.200	"	0.400		109	50-150				
N-MeFOSAA	0.439	0.200	"	0.400		110	50-150				
N-EtFOSAA	0.326	0.200	"	0.400		81.6	50-150				
Perfluoropentanoic acid (PFPeA)	0.821	0.400	"	0.800		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.372	0.200	"	0.400		92.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.319	0.200	"	0.382		83.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.286	0.193	"	0.386		74.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.30	0.760	"	1.52		85.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.46	0.768	"	1.54		95.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.34	0.800	"	1.60		83.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.702	0.356	"	0.712		98.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.505	0.400	"	0.800		63.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.894	0.400	"	0.800		112	50-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51809 - EPA 1633 Prep											
LCS (BF51809-BS2)								Prepared: 06/25/2025 Analyzed: 06/26/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.786	0.400	ug/kg wet	0.800		98.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.353	0.188	"	0.376		93.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.07	0.750	"	1.50		71.2	50-150				
HFPO-DA (Gen-X)	0.526	0.800	"	0.800		65.8	50-150				
11CL-PF3OUdS	0.404	0.756	"	0.756		53.4	50-150				
9CL-PF3ONS	0.458	0.748	"	0.748		61.2	50-150				
ADONA	0.728	0.756	"	0.756		96.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.229	0.194	"	0.388		59.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.345	0.192	"	0.384		89.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	1.00	"	1.60		99.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	7.23	5.00	"	8.00		90.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	6.37	5.00	"	8.00		79.7	50-150				
N-MeFOSE	3.66	2.00	"	4.00		91.4	50-150				
N-MeFOSA	0.423	0.200	"	0.400		106	50-150				
N-EtFOSE	3.71	2.00	"	4.00		92.9	50-150				
N-EtFOSA	0.463	0.200	"	0.400		116	50-150				
Surrogate: M3PFBS	*3.01*		"	*2.33*		*129*	*25-150*				
Surrogate: M5PFHxA	*4.00*		"	*2.50*		*160*	*25-150*				
Surrogate: M4PFHpA	*2.72*		"	*2.50*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.72*		"	*2.37*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.92*		"	*2.50*		*117*	*25-150*				
Surrogate: M6PFDA	*1.58*		"	*1.25*		*126*	*25-150*				
Surrogate: M7PFUdA	*1.48*		"	*1.25*		*119*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.50*		"	*1.25*		*120*	*25-150*				
Surrogate: M2PFTeDA	*1.40*		"	*1.25*		*112*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.5*		"	*10.0*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.93*		"	*2.40*		*164*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*10.5*		"	*5.00*		*210*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.31*		"	*2.50*		*132*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.33*		"	*5.00*		*107*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.29*		"	*5.00*		*146*	*25-150*				
Surrogate: M2-6:2 FTS	*3.99*		"	*4.76*		*83.8*	*25-200*				
Surrogate: M2-8:2 FTS	*2.96*		"	*4.80*		*61.7*	*25-200*				
Surrogate: M9PFNA	*1.38*		"	*1.25*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*5.00*		"	*4.69*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*2.89*		"	*2.50*		*116*	*25-150*				
Surrogate: d-N-EtFOSA	*2.92*		"	*2.50*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*20.4*		"	*10.0*		*204*	*25-150*				
Surrogate: d9-N-EtFOSE	*26.4*		"	*25.0*		*106*	*25-150*				
Surrogate: d7-N-MeFOSE	*29.6*		"	*25.0*		*118*	*25-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51734 - EPA 3050B											
Blank (BF51734-BLK1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BF51734-SRM1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Aluminum	8250	4.17	mg/kg wet	6840		121	53.2-146.2				
Antimony	55.4	2.08	"	101		54.9	0.1-199				
Arsenic	154	1.25	"	148		104	81.1-119.6				
Barium	212	2.08	"	191		111	81.7-118.3				
Beryllium	255	0.042	"	240		106	82.1-117.5				
Cadmium	180	0.250	"	190		94.7	82.1-118.4				
Calcium	4120	4.17	"	4030		102	82.1-117.9				
Chromium	140	0.417	"	132		106	81.1-118.9				
Cobalt	136	0.333	"	126		108	82.5-117.5				
Copper	262	1.67	"	234		112	82.9-117.5				
Iron	7490	20.8	"	6830		110	59.7-140.4				
Lead	107	0.417	"	98.6		109	81.8-117.6				
Magnesium	2270	4.17	"	1960		116	76-124				
Manganese	296	0.417	"	244		121	80.7-119.3	High Bias			
Nickel	167	0.830	"	155		108	81.9-118.1				
Potassium	2240	4.17	"	2070		108	71-128.5				
Selenium	128	2.08	"	124		103	78.5-121				
Silver	60.6	0.420	"	54.9		110	79.4-120.8				
Sodium	307	41.7	"	275		111	73.5-126.2				
Thallium	176	1.67	"	183		96.2	80.3-119.7				
Vanadium	145	0.830	"	137		106	78.1-121.9				
Zinc	352	2.08	"	345		102	79.4-120.6				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51723 - EPA 7473 soil											
Blank (BF51723-BLK1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Mercury	ND	0.0300	mg/kg wet								
Reference (BF51723-SRM1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Mercury	19.395		mg/kg	24.0		80.8	55.8-109.6				
Batch BF51725 - EPA 7473 soil											
Blank (BF51725-BLK1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Mercury	ND	0.0300	mg/kg wet								
Reference (BF51725-SRM1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Mercury	19.502		mg/kg	24.0		81.3	55.8-109.6				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25F1350-02	SB-15 0.5-1.5 20250618	40mL Vial with Stir Bar-Cool 4° C
25F1350-03	SB-16 0.5-1 20250618	40mL Vial with Stir Bar-Cool 4° C
25F1350-04	SB-17 0.5-1.5 20250618	40mL Vial with Stir Bar-Cool 4° C
25F1350-05	SB-18 0.5-1 20250618	40mL Vial with Stir Bar-Cool 4° C
25F1350-06	SB-19 0.5-1.5 20250618	40mL Vial with Stir Bar-Cool 4° C
25F1350-07	SB-20 0.5-1 20250618	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.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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 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: 25f1350

Report To:	Invoice To:
Company: PVEDI	Company: SAME
Address: 48 SPRINGSIDE AVENUE POUGHKEEPSIE, N.Y. 12603	Address:
Phone.: 845-454-2544	Phone.:
Contact: A. SPADAVECCHIA	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVEDI-AE.COM	E-mail: TALVARADO@PVEDI-AE.COM

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

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

YOUR Project Name / Number: 20240228-0006

PO Number: 20240228-0006

Preservative (please list number of containers)

Samples Collected From: NY X | CT | Other: (please specify) | NJ | PA

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

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

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)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs via USEPA 8260	TCL SVOCs via USEPA 8270	TAL Metals USEPA 6010/7473	PFAS USEPA Method 1633	Grab or Comp.
FB-1 20250618	6-18-25	1555	W											1	1	1	1	G/C
SB-15 0.5-1.5 20250618	"	1600	S											1	1	1	1	
SB-16 0.5-1 20250618	"	1615	S											1	1	1		
SB-17 0.5-1.5 20250618	"	1630	S											1	1	1		
SB-18 0.5-1 20250618	"	1645	S											1	1	1		
SB-19 0.5-1.5 20250618	"	1700	S											1	1	1		
SB-20 0.5-1.0 20250618	"	1715	S											1	1	1	1	

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVEDI	6-20-25 1300				
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	6/20/25 13:00				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	6/20/25 18:00				6/20/25 18:50 / 2.7 Degrees C

Technical Report

prepared for:

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

Report Date: 07/02/2025
Client Project ID: 20240228-0006
York Project (SDG) No.: 25F1357

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

Report Date: 07/02/2025
Client Project ID: 20240228-0006
York Project (SDG) No.: 25F1357

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 20, 2025 and listed below. The project was identified as your project: **20240228-0006**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25F1357-01	SB-14 38-40 20250618	Soil	06/18/2025	06/20/2025
25F1357-02	SB-21 35-37 20250619	Soil	06/19/2025	06/20/2025
25F1357-03	SB-22 35-37 20250619	Soil	06/19/2025	06/20/2025

General Notes for York Project (SDG) No.: 25F1357

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

Cassie L. Mosher
Laboratory Manager

Date: 07/02/2025

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

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:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	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:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.048	0.097	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

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	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:11	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

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	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.013**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:11	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.3 %*	*77-125*

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

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*	*99.4 %*			*76-130*						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:51	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:51	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 02:51	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:51	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 02:51	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 02:51	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 02:51	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 02:51	AK

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.207	0.414	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.207	0.414	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.103	0.206	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0518	0.103	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 02:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0518	0.103	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.207	0.414	2	EPA 8270E	06/24/2025 12:07	06/25/2025 02:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.5 %*	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8190**		mg/kg dry	5.18	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.59	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.99**		mg/kg dry	1.55	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**35.2**		mg/kg dry	2.58	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.276**		mg/kg dry	0.052	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6760**		mg/kg dry	5.18	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**9.80**		mg/kg dry	0.518	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.87**		mg/kg dry	0.414	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**16.0**		mg/kg dry	2.07	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**16800**		mg/kg dry	25.9	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**8.61**		mg/kg dry	0.518	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**3670**		mg/kg dry	5.18	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**273**		mg/kg dry	0.518	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	1.03	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**875**		mg/kg dry	5.18	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**108**		mg/kg dry	51.8	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.07	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.2**		mg/kg dry	1.03	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**37.5**		mg/kg dry	2.58	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:36	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

Sample Information

Client Sample ID: SB-14 38-40 20250618 **York Sample ID:** 25F1357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 18, 2025 2:30 pm	06/20/2025

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	0.0373	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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**	**80.5**		%	0.100	1	SM 2540G	06/23/2025 08:54	06/23/2025 12:20	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

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	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	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	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	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	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

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	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.057	0.11	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

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	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 00:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

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	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.014	0.028	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.072**		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	07/01/2025 15:43	07/02/2025 00:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0939	0.188	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 NELAC-NY10854,PADEP-68-04440	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:21	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.376	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:21	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.5 %*	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17600**		mg/kg dry	4.71	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.35	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.4**		mg/kg dry	1.41	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**85.9**		mg/kg dry	2.35	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.674**		mg/kg dry	0.047	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.283	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9210**		mg/kg dry	4.71	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**22.6**		mg/kg dry	0.471	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**14.4**		mg/kg dry	0.376	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**28.3**		mg/kg dry	1.88	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**39800**		mg/kg dry	23.5	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**14.9**		mg/kg dry	0.471	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-21 35-37 20250619 **York Sample ID:** 25F1357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 12:15 pm	06/20/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**6870**		mg/kg dry	4.71	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1080**		mg/kg dry	0.471	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**35.3**		mg/kg dry	0.938	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1420**		mg/kg dry	4.71	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**115**		mg/kg dry	47.1	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.89	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.3**		mg/kg dry	0.938	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**77.5**		mg/kg dry	2.35	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:37	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	0.0339	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	06/23/2025 08:58	06/23/2025 11:53	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	AC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
123-91-1	1,4-Dioxane	ND	ICVE	mg/kg dry	0.049	0.099	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

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		mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	07/01/2025 15:43	07/02/2025 01:04	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

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	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.025	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.018**		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	07/01/2025 15:43	07/02/2025 01:04	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

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*	*100 %*			*76-130*						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 03:51	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CCVE	mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 03:51	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 03:51	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 03:51	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 03:51	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,PADEP-68-04440	06/25/2025 03:51	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/25/2025 03:51	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/25/2025 03:51	AK

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CCVE	mg/kg dry	0.0978	0.195	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0490	0.0978	2	EPA 8270E Certifications:	06/24/2025 12:07	06/25/2025 03:51	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0490	0.0978	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	06/24/2025 12:07	06/25/2025 03:51	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.0 %*	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16200**		mg/kg dry	4.90	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.5**		mg/kg dry	1.47	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**51.4**		mg/kg dry	2.45	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.635**		mg/kg dry	0.049	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.294	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9330**		mg/kg dry	4.90	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**20.7**		mg/kg dry	0.491	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**13.5**		mg/kg dry	0.392	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**26.3**		mg/kg dry	1.96	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**35300**		mg/kg dry	24.5	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**18.4**		mg/kg dry	0.491	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**6270**		mg/kg dry	4.91	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**564**		mg/kg dry	0.491	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**31.5**		mg/kg dry	0.977	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1520**		mg/kg dry	4.91	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**133**		mg/kg dry	49.0	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.97	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.3**		mg/kg dry	0.977	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**70.0**		mg/kg dry	2.44	1	EPA 6010D	06/24/2025 14:46	06/25/2025 09:39	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

Sample Information

Client Sample ID: SB-22 35-37 20250619 **York Sample ID:** 25F1357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25F1357	20240228-0006	Soil	June 19, 2025 1:45 pm	06/20/2025

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	0.0353	1	EPA 7473	06/24/2025 13:00	06/25/2025 10:40	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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**	**85.0**		%	0.100	1	SM 2540G	06/23/2025 08:58	06/23/2025 11:53	BF
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BF51585 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25F1357-01	SB-14 38-40 20250618	06/23/25

Batch ID: BF51586 **Preparation Method:** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25F1357-02	SB-21 35-37 20250619	06/23/25
25F1357-03	SB-22 35-37 20250619	06/23/25

Batch ID: BF51719 **Preparation Method:** EPA 3550C **Prepared By:** FA

YORK Sample ID	Client Sample ID	Preparation Date
25F1357-01	SB-14 38-40 20250618	06/24/25
25F1357-02	SB-21 35-37 20250619	06/24/25
25F1357-03	SB-22 35-37 20250619	06/24/25
BF51719-BLK1	Blank	06/24/25
BF51719-BS1	LCS	06/24/25

Batch ID: BF51725 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25F1357-01	SB-14 38-40 20250618	06/24/25
25F1357-02	SB-21 35-37 20250619	06/24/25
25F1357-03	SB-22 35-37 20250619	06/24/25
BF51725-BLK1	Blank	06/24/25
BF51725-SRM1	Reference	06/24/25

Batch ID: BF51734 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25F1357-01	SB-14 38-40 20250618	06/24/25
25F1357-02	SB-21 35-37 20250619	06/24/25
25F1357-03	SB-22 35-37 20250619	06/24/25
BF51734-BLK1	Blank	06/24/25
BF51734-SRM1	Reference	06/24/25

Batch ID: BG50093 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25F1357-01	SB-14 38-40 20250618	07/01/25
25F1357-02	SB-21 35-37 20250619	07/01/25
25F1357-03	SB-22 35-37 20250619	07/01/25
BG50093-BLK1	Blank	07/01/25

BG50093-BS1	LCS	07/01/25
BG50093-BSD1	LCS Dup	07/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
Blank (BG50093-BLK1)											Prepared & Analyzed: 07/01/2025
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
Blank (BG50093-BLK1)									Prepared & Analyzed: 07/01/2025		
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	0.025	"								
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	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*ug/L*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
LCS (BG50093-BS1)									Prepared & Analyzed: 07/01/2025		
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	43.9		"	50.0		87.8	71-137				
1,1,2,2-Tetrachloroethane	54.8		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.5		"	50.0		85.0	58-146				
1,1,2-Trichloroethane	53.0		"	50.0		106	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	44.9		"	50.0		89.9	64-137				
1,2,3-Trichlorobenzene	54.5		"	50.0		109	81-140				
1,2,3-Trichloropropane	55.1		"	50.0		110	81-126				
1,2,4-Trichlorobenzene	53.4		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	50.4		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	53.6		"	50.0		107	74-142				
1,2-Dibromoethane	52.9		"	50.0		106	86-123				
1,2-Dichlorobenzene	50.7		"	50.0		101	85-122				
1,2-Dichloroethane	49.9		"	50.0		99.9	71-133				
1,2-Dichloropropane	49.6		"	50.0		99.1	81-122				
1,3,5-Trimethylbenzene	50.4		"	50.0		101	82-126				
1,3-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dichlorobenzene	49.6		"	50.0		99.2	84-124				
1,4-Dioxane	722		"	1050		68.7	10-228				
2-Butanone	51.4		"	50.0		103	58-147				
2-Hexanone	52.8		"	50.0		106	70-139				
4-Methyl-2-pentanone	41.3		"	50.0		82.7	72-132				
Acetone	37.4		"	50.0		74.9	36-155				
Acrolein	31.6		"	50.0		63.1	10-238				
Acrylonitrile	57.7		"	50.0		115	66-141				
Benzene	48.6		"	50.0		97.3	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
LCS (BG50093-BS1)							Prepared & Analyzed: 07/01/2025				
Bromochloromethane	50.3		ug/L	50.0		101	74-129				
Bromodichloromethane	50.8		"	50.0		102	81-124				
Bromoform	53.5		"	50.0		107	80-136				
Bromomethane	41.7		"	50.0		83.4	32-177				
Carbon disulfide	44.5		"	50.0		89.1	10-136				
Carbon tetrachloride	44.3		"	50.0		88.6	66-143				
Chlorobenzene	49.4		"	50.0		98.9	86-120				
Chloroethane	42.7		"	50.0		85.3	51-142				
Chloroform	48.8		"	50.0		97.5	76-131				
Chloromethane	33.8		"	50.0		67.6	49-132				
cis-1,2-Dichloroethylene	48.7		"	50.0		97.5	74-132				
cis-1,3-Dichloropropylene	50.7		"	50.0		101	81-129				
Cyclohexane	42.4		"	50.0		84.7	70-130				
Dibromochloromethane	52.9		"	50.0		106	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	26.7		"	50.0		53.3	28-158				
Ethyl Benzene	48.9		"	50.0		97.9	84-125				
Hexachlorobutadiene	48.8		"	50.0		97.5	83-133				
Isopropylbenzene	48.2		"	50.0		96.5	81-127				
Methyl acetate	48.3		"	50.0		96.5	41-143				
Methyl tert-butyl ether (MTBE)	52.4		"	50.0		105	74-131				
Methylcyclohexane	42.7		"	50.0		85.4	70-130				
Methylene chloride	51.4		"	50.0		103	57-141				
n-Butylbenzene	47.2		"	50.0		94.3	80-130				
n-Propylbenzene	47.1		"	50.0		94.1	74-136				
o-Xylene	48.7		"	50.0		97.3	83-123				
p- & m- Xylenes	92.6		"	100		92.6	82-128				
p-Isopropyltoluene	49.0		"	50.0		98.1	85-125				
sec-Butylbenzene	48.8		"	50.0		97.6	83-125				
Styrene	52.7		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	286		"	250		114	70-130				
tert-Butylbenzene	41.8		"	50.0		83.6	80-127				
Tetrachloroethylene	41.9		"	50.0		83.9	80-129				
Toluene	48.0		"	50.0		96.0	85-121				
trans-1,2-Dichloroethylene	46.3		"	50.0		92.5	72-132				
trans-1,3-Dichloropropylene	52.4		"	50.0		105	78-132				
Trichloroethylene	47.2		"	50.0		94.5	84-123				
Trichlorofluoromethane	38.7		"	50.0		77.3	62-140				
Vinyl Chloride	36.3		"	50.0		72.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
LCS Dup (BG50093-BSD1)							Prepared & Analyzed: 07/01/2025				
1,1,1,2-Tetrachloroethane	50.1		ug/L	50.0		100	75-129		1.49	30	
1,1,1-Trichloroethane	43.0		"	50.0		86.0	71-137		2.07	30	
1,1,2,2-Tetrachloroethane	54.9		"	50.0		110	79-129		0.237	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.5	58-146		2.96	30	
1,1,2-Trichloroethane	53.0		"	50.0		106	83-123		0.00	30	
1,1-Dichloroethane	46.9		"	50.0		93.8	75-130		0.213	30	
1,1-Dichloroethylene	43.3		"	50.0		86.6	64-137		3.69	30	
1,2,3-Trichlorobenzene	55.0		"	50.0		110	81-140		0.986	30	
1,2,3-Trichloropropane	54.5		"	50.0		109	81-126		1.06	30	
1,2,4-Trichlorobenzene	53.2		"	50.0		106	80-141		0.319	30	
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125		0.478	30	
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142		0.0560	30	
1,2-Dibromoethane	52.6		"	50.0		105	86-123		0.493	30	
1,2-Dichlorobenzene	50.6		"	50.0		101	85-122		0.158	30	
1,2-Dichloroethane	50.4		"	50.0		101	71-133		0.858	30	
1,2-Dichloropropane	49.7		"	50.0		99.5	81-122		0.363	30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126		0.478	30	
1,3-Dichlorobenzene	48.7		"	50.0		97.4	84-124		0.981	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124		0.972	30	
1,4-Dioxane	728		"	1050		69.3	10-228		0.810	30	
2-Butanone	50.0		"	50.0		100	58-147		2.58	30	
2-Hexanone	53.2		"	50.0		106	70-139		0.849	30	
4-Methyl-2-pentanone	40.8		"	50.0		81.6	72-132		1.27	30	
Acetone	35.4		"	50.0		70.8	36-155		5.63	30	
Acrolein	30.5		"	50.0		61.1	10-238		3.35	30	
Acrylonitrile	56.9		"	50.0		114	66-141		1.36	30	
Benzene	48.5		"	50.0		97.1	77-127		0.206	30	
Bromochloromethane	49.8		"	50.0		99.6	74-129		1.04	30	
Bromodichloromethane	50.5		"	50.0		101	81-124		0.632	30	
Bromoform	53.1		"	50.0		106	80-136		0.788	30	
Bromomethane	41.5		"	50.0		83.0	32-177		0.385	30	
Carbon disulfide	43.0		"	50.0		86.0	10-136		3.56	30	
Carbon tetrachloride	43.2		"	50.0		86.5	66-143		2.47	30	
Chlorobenzene	49.3		"	50.0		98.6	86-120		0.304	30	
Chloroethane	41.6		"	50.0		83.1	51-142		2.64	30	
Chloroform	48.3		"	50.0		96.5	76-131		1.01	30	
Chloromethane	34.1		"	50.0		68.3	49-132		0.942	30	
cis-1,2-Dichloroethylene	48.1		"	50.0		96.1	74-132		1.38	30	
cis-1,3-Dichloropropylene	50.8		"	50.0		102	81-129		0.236	30	
Cyclohexane	41.6		"	50.0		83.2	70-130		1.76	30	
Dibromochloromethane	52.8		"	50.0		106	10-200		0.227	30	
Dibromomethane	50.8		"	50.0		102	83-124		0.513	30	
Dichlorodifluoromethane	24.2		"	50.0		48.4	28-158		9.67	30	
Ethyl Benzene	48.5		"	50.0		96.9	84-125		0.945	30	
Hexachlorobutadiene	48.0		"	50.0		96.1	83-133		1.49	30	
Isopropylbenzene	48.1		"	50.0		96.1	81-127		0.374	30	
Methyl acetate	48.7		"	50.0		97.4	41-143		0.866	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	74-131		0.746	30	
Methylcyclohexane	42.0		"	50.0		84.1	70-130		1.53	30	
Methylene chloride	51.4		"	50.0		103	57-141		0.0389	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50093 - EPA 5035A											
LCS Dup (BG50093-BSD1)								Prepared & Analyzed: 07/01/2025			
n-Butylbenzene	47.2		ug/L	50.0		94.3	80-130		0.0212	30	
n-Propylbenzene	46.4		"	50.0		92.9	74-136		1.33	30	
o-Xylene	48.3		"	50.0		96.5	83-123		0.805	30	
p- & m- Xylenes	92.1		"	100		92.1	82-128		0.606	30	
p-Isopropyltoluene	48.7		"	50.0		97.5	85-125		0.614	30	
sec-Butylbenzene	48.5		"	50.0		97.1	83-125		0.534	30	
Styrene	52.4		"	50.0		105	86-126		0.457	30	
tert-Butyl alcohol (TBA)	283		"	250		113	70-130		1.11	30	
tert-Butylbenzene	41.8		"	50.0		83.7	80-127		0.0239	30	
Tetrachloroethylene	41.8		"	50.0		83.6	80-129		0.263	30	
Toluene	47.8		"	50.0		95.5	85-121		0.439	30	
trans-1,2-Dichloroethylene	45.6		"	50.0		91.3	72-132		1.35	30	
trans-1,3-Dichloropropylene	52.6		"	50.0		105	78-132		0.381	30	
Trichloroethylene	46.7		"	50.0		93.4	84-123		1.21	30	
Trichlorofluoromethane	37.4		"	50.0		74.7	62-140		3.39	30	
Vinyl Chloride	35.0		"	50.0		69.9	52-130		3.82	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				

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

Batch BF51719 - EPA 3550C

Blank (BF51719-BLK1)

Prepared & Analyzed: 06/24/2025

1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
Blank (BF51719-BLK1)											Prepared & Analyzed: 06/24/2025
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.13*		"	*1.67*		*67.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.862*		"	*1.67*		*51.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.447*		"	*0.833*		*53.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.445*		"	*0.833*		*53.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.06*		"	*1.67*		*63.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.556*		"	*0.833*		*66.7*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
LCS (BF51719-BS1)							Prepared & Analyzed: 06/24/2025				
1,1-Biphenyl	0.613	0.0417	mg/kg wet	0.833		73.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.525	0.0833	"	0.833		63.0	21-131				
1,2,4-Trichlorobenzene	0.698	0.0417	"	0.833		83.8	10-140				
1,2-Dichlorobenzene	0.601	0.0417	"	0.833		72.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.577	0.0417	"	0.833		69.2	17-137				
1,3-Dichlorobenzene	0.629	0.0417	"	0.833		75.5	33-110				
1,4-Dichlorobenzene	0.633	0.0417	"	0.833		76.0	32-104				
2,3,4,6-Tetrachlorophenol	0.726	0.0833	"	0.833		87.1	30-130				
2,4,5-Trichlorophenol	0.678	0.0417	"	0.833		81.4	27-118				
2,4,6-Trichlorophenol	0.710	0.0417	"	0.833		85.2	31-120				
2,4-Dichlorophenol	0.722	0.0417	"	0.833		86.6	20-127				
2,4-Dimethylphenol	0.723	0.0417	"	0.833		86.8	14-132				
2,4-Dinitrophenol	0.680	0.0833	"	0.833		81.6	10-171				
2,4-Dinitrotoluene	0.667	0.0417	"	0.833		80.0	34-131				
2,6-Dinitrotoluene	0.670	0.0417	"	0.833		80.4	31-128				
2-Chloronaphthalene	0.617	0.0417	"	0.833		74.1	31-117				
2-Chlorophenol	0.679	0.0417	"	0.833		81.4	33-113				
2-Methylnaphthalene	0.626	0.0417	"	0.833		75.2	12-138				
2-Methylphenol	0.670	0.0417	"	0.833		80.4	10-136				
2-Nitroaniline	0.657	0.0833	"	0.833		78.8	27-132				
2-Nitrophenol	0.696	0.0417	"	0.833		83.5	17-129				
3- & 4-Methylphenols	0.554	0.0417	"	0.833		66.5	29-103				
3,3-Dichlorobenzidine	0.598	0.0417	"	0.833		71.8	22-149				
3-Nitroaniline	0.593	0.0833	"	0.833		71.2	20-133				
4,6-Dinitro-2-methylphenol	0.708	0.0833	"	0.833		85.0	10-143				
4-Bromophenyl phenyl ether	0.635	0.0417	"	0.833		76.2	29-120				
4-Chloro-3-methylphenol	0.745	0.0417	"	0.833		89.4	24-129				
4-Chloroaniline	0.516	0.0417	"	0.833		61.9	10-132				
4-Chlorophenyl phenyl ether	0.641	0.0417	"	0.833		76.9	27-124				
4-Nitroaniline	0.586	0.0833	"	0.833		70.3	16-128				
4-Nitrophenol	0.423	0.0833	"	0.833		50.7	10-141				
Acenaphthene	0.596	0.0417	"	0.833		71.5	30-121				
Acenaphthylene	0.659	0.0417	"	0.833		79.1	30-115				
Acetophenone	0.513	0.0417	"	0.833		61.5	20-112				
Aniline	0.500	0.167	"	0.833		60.0	10-119				
Anthracene	0.669	0.0417	"	0.833		80.3	34-118				
Atrazine	0.579	0.0417	"	0.833		69.4	26-112				
Benzaldehyde	0.532	0.0417	"	0.833		63.8	21-100				
Benzo(a)anthracene	0.691	0.0417	"	0.833		82.9	32-122				
Benzo(a)pyrene	0.586	0.0417	"	0.833		70.3	29-133				
Benzo(b)fluoranthene	0.632	0.0417	"	0.833		75.8	25-133				
Benzo(g,h,i)perylene	0.712	0.0417	"	0.833		85.4	10-143				
Benzo(k)fluoranthene	0.613	0.0417	"	0.833		73.6	25-128				
Benzoic acid	0.797	0.0417	"	0.833		95.7	10-140				
Benzyl alcohol	0.638	0.0417	"	0.833		76.5	30-115				
Benzyl butyl phthalate	0.733	0.0417	"	0.833		88.0	26-126				
Bis(2-chloroethoxy)methane	0.654	0.0417	"	0.833		78.5	19-132				
Bis(2-chloroethyl)ether	0.643	0.0417	"	0.833		77.2	19-125				
Bis(2-chloroisopropyl)ether	0.662	0.0417	"	0.833		79.4	20-135				
Bis(2-ethylhexyl)phthalate	0.727	0.0417	"	0.833		87.2	10-155				
Caprolactam	0.589	0.0833	"	0.833		70.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51719 - EPA 3550C											
LCS (BF51719-BS1)							Prepared & Analyzed: 06/24/2025				
Carbazole	0.634	0.0417	mg/kg wet	0.833		76.1	35-123				
Chrysene	0.660	0.0417	"	0.833		79.2	32-123				
Dibenzo(a,h)anthracene	0.675	0.0417	"	0.833		81.0	10-136				
Dibenzofuran	0.636	0.0417	"	0.833		76.3	29-121				
Diethyl phthalate	0.643	0.0417	"	0.833		77.1	34-116				
Dimethyl phthalate	0.639	0.0417	"	0.833		76.6	35-124				
Di-n-butyl phthalate	0.653	0.0417	"	0.833		78.4	31-116				
Di-n-octyl phthalate	0.693	0.0417	"	0.833		83.2	26-136				
Fluoranthene	0.608	0.0417	"	0.833		73.0	33-122				
Fluorene	0.673	0.0417	"	0.833		80.7	29-123				
Hexachlorobenzene	0.625	0.0417	"	0.833		75.0	21-124				
Hexachlorobutadiene	0.727	0.0417	"	0.833		87.2	10-149				
Hexachlorocyclopentadiene	0.457	0.0417	"	0.833		54.8	10-129				
Hexachloroethane	0.629	0.0417	"	0.833		75.4	28-108				
Indeno(1,2,3-cd)pyrene	0.746	0.0417	"	0.833		89.6	10-135				
Isophorone	0.689	0.0417	"	0.833		82.7	20-132				
Naphthalene	0.683	0.0417	"	0.833		82.0	23-124				
Nitrobenzene	0.645	0.0417	"	0.833		77.4	13-132				
N-Nitrosodimethylamine	0.537	0.0417	"	0.833		64.5	11-129				
N-nitroso-di-n-propylamine	0.606	0.0417	"	0.833		72.8	24-119				
N-Nitrosodiphenylamine	0.711	0.0417	"	0.833		85.3	22-152				
Pentachlorophenol	0.539	0.0417	"	0.833		64.7	10-139				
Phenanthrene	0.657	0.0417	"	0.833		78.9	33-123				
Phenol	0.673	0.0417	"	0.833		80.7	23-115				
Pyrene	0.759	0.0417	"	0.833		91.0	24-130				
Pyridine	0.487	0.167	"	0.833		58.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.67*		*70.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.07*		"	*1.67*		*64.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.503*		"	*0.833*		*60.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.494*		"	*0.833*		*59.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		"	*1.67*		*70.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.587*		"	*0.833*		*70.4*	*24-116*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51734 - EPA 3050B											
Blank (BF51734-BLK1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BF51734-SRM1)											Prepared: 06/24/2025 Analyzed: 06/25/2025
Aluminum	8250	4.17	mg/kg wet	6840		121	53.2-146.2				
Antimony	55.4	2.08	"	101		54.9	0.1-199				
Arsenic	154	1.25	"	148		104	81.1-119.6				
Barium	212	2.08	"	191		111	81.7-118.3				
Beryllium	255	0.042	"	240		106	82.1-117.5				
Cadmium	180	0.250	"	190		94.7	82.1-118.4				
Calcium	4120	4.17	"	4030		102	82.1-117.9				
Chromium	140	0.417	"	132		106	81.1-118.9				
Cobalt	136	0.333	"	126		108	82.5-117.5				
Copper	262	1.67	"	234		112	82.9-117.5				
Iron	7490	20.8	"	6830		110	59.7-140.4				
Lead	107	0.417	"	98.6		109	81.8-117.6				
Magnesium	2270	4.17	"	1960		116	76-124				
Manganese	296	0.417	"	244		121	80.7-119.3	High Bias			
Nickel	167	0.830	"	155		108	81.9-118.1				
Potassium	2240	4.17	"	2070		108	71-128.5				
Selenium	128	2.08	"	124		103	78.5-121				
Silver	60.6	0.420	"	54.9		110	79.4-120.8				
Sodium	307	41.7	"	275		111	73.5-126.2				
Thallium	176	1.67	"	183		96.2	80.3-119.7				
Vanadium	145	0.830	"	137		106	78.1-121.9				
Zinc	352	2.08	"	345		102	79.4-120.6				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51725 - EPA 7473 soil											
Blank (BF51725-BLK1)										Prepared: 06/24/2025 Analyzed: 06/25/2025	
Mercury	ND	0.0300	mg/kg wet								
Reference (BF51725-SRM1)										Prepared: 06/24/2025 Analyzed: 06/25/2025	
Mercury	19.502		mg/kg	24.0		81.3	55.8-109.6				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25F1357-01	SB-14 38-40 20250618	40mL Vial with Stir Bar-Cool 4° C
25F1357-02	SB-21 35-37 20250619	40mL Vial with Stir Bar-Cool 4° C
25F1357-03	SB-22 35-37 20250619	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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 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: 25f1357

Page 1 of 1

Report To:	Invoice To:
Company: PVEDI	Company:
Address: 48 SPRINGSIDE AVE. POUGHKEEPSIE, NY 12603	Address: SAME
Phone.: 845-454-2544	Phone.:
Contact: A. SPADAVECCHIA	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVEDI-AE.COM	E-mail: TALVARADO@PVEDI-AE.COM

YOUR Project Name / Number: 20240228-0006

PO Number: 20240228-0006

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

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

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs via USEPA 8260;	TCL SVOCs via USEPA 8270;	TAL METALS via USEPA 6010 AND 7473.	Grab or Comp.
SB-14 38-40 20250618	6-18-25	1430	S											1	1	1	G/C
SB-21 35-37 20250619	6-19-25	1215	S											1	1	1	
SB-22 35-37 20250619	6-19-25	1345	S											1	1	1	

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day): X
- 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)

- EQuIS (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

Comments:

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

Custody Seals: Y / N | Containers Intact: Y / N | COC/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

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
PVEDI	6-20-25 1300				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	6/20/25 17:00				
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	6/20/25 18:50				6/20/25 18:50 2.3 Degrees C

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Ken Atkins

Report Date: 08/04/2025
Client Project ID: 20240228-0006
York Project (SDG) No.: 25G1770

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

Report Date: 08/04/2025
Client Project ID: 20240228-0006
York Project (SDG) No.: 25G1770

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Ken Atkins

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 July 28, 2025 and listed below. The project was identified as your project: **20240228-0006**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G1770-01	MW-1 20250725	Ground Water	07/25/2025	07/28/2025
25G1770-02	MW-2 20250725	Ground Water	07/25/2025	07/28/2025
25G1770-03	MW-3 20250725	Ground Water	07/25/2025	07/28/2025
25G1770-04	MW-4 20250725	Ground Water	07/25/2025	07/28/2025

General Notes for York Project (SDG) No.: 25G1770

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

Cassie L. Mosher
Laboratory Manager

Date: 08/04/2025

Sample Information

Client Sample ID: MW-1 20250725 **York Sample ID:** 25G1770-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:15 am	07/28/2025

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	0.216	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-1 20250725 **York Sample ID:** 25G1770-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:15 am	07/28/2025

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	0.365	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	**Acrolein**	**0.990**	B	ug/L	0.447	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-1 20250725 **York Sample ID:** 25G1770-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:15 am	07/28/2025

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	0.405	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**66.6**		ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	**Trichloroethylene**	**0.550**		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-1 20250725 **York Sample ID:** 25G1770-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:15 am	07/28/2025

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**46.1**		mg/L	0.556	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-39-3	**Barium**	**0.551**		mg/L	0.0278	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-70-2	**Calcium**	**180**		mg/L	0.556	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-47-3	**Chromium**	**0.0472**		mg/L	0.00556	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-48-4	**Cobalt**	**0.0469**		mg/L	0.00444	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-50-8	**Copper**	**0.0812**		mg/L	0.0222	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7439-89-6	**Iron**	**58.1**		mg/L	0.278	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7439-92-1	**Lead**	**0.0897**		mg/L	0.00667	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7439-95-4	**Magnesium**	**42.6**		mg/L	0.0667	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7439-96-5	**Manganese**	**2.88**		mg/L	0.00556	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-02-0	**Nickel**	**0.0668**		mg/L	0.0111	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-09-7	**Potassium**	**11.4**		mg/L	1.11	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-22-4	Silver	ND		mg/L	0.00667	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-23-5	**Sodium**	**157**		mg/L	1.11	1	EPA 6010D Certifications:	07/30/2025 16:37	08/04/2025 15:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR

Sample Information

Client Sample ID: MW-1 20250725 **York Sample ID:** 25G1770-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:15 am	07/28/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	**Vanadium**	**0.0583**		mg/L	0.0111	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**0.222**		mg/L	0.0278	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**0.0162**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.000894**		mg/L	0.000333	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	*** Selenium**	**0.00522**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:45	cw
							Certifications:	CTDOH-PH-0723		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	07/31/2025 08:07	07/31/2025 08:07	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY10		

Sample Information

Client Sample ID: MW-2 20250725 **York Sample ID:** 25G1770-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:35 am	07/28/2025

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

Sample Information

Client Sample ID: MW-2 20250725 **York Sample ID:** 25G1770-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:35 am	07/28/2025

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	0.216	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-2 20250725 **York Sample ID:** 25G1770-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:35 am	07/28/2025

Volatile Organics, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.10**	B	ug/L	0.447	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-2 20250725 **York Sample ID:** 25G1770-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:35 am	07/28/2025

Volatile Organics, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**79.9**		ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	**Trichloroethylene**	**0.380**	J	ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 17:50	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-2 20250725 **York Sample ID:** 25G1770-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:35 am	07/28/2025

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
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	07/31/2025 10:14	07/31/2025 17:50	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12.1**		mg/L	0.556	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.114**		mg/L	0.0278	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**106**		mg/L	0.556	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**0.0138**		mg/L	0.00556	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**0.00789**		mg/L	0.00444	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14.1**		mg/L	0.278	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**0.0157**		mg/L	0.00667	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**19.6**		mg/L	0.0667	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.620**		mg/L	0.00556	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**0.0146**		mg/L	0.0111	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**8.49**		mg/L	1.11	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00667	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**31.1**		mg/L	1.11	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	**Vanadium**	**0.0178**		mg/L	0.0111	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-2 20250725 **York Sample ID:** 25G1770-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:35 am	07/28/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0749**		mg/L	0.0278	1	EPA 6010D	07/30/2025 16:37	08/04/2025 15:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**0.00403**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	*** Selenium**	**0.00453**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:48	cw
							Certifications:	CTDOH-PH-0723		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	07/31/2025 08:07	07/31/2025 08:07	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY10		

Sample Information

Client Sample ID: MW-3 20250725 **York Sample ID:** 25G1770-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:50 am	07/28/2025

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	0.216	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3 20250725 **York Sample ID:** 25G1770-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:50 am	07/28/2025

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Sample Information

Client Sample ID: MW-3 20250725 **York Sample ID:** 25G1770-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:50 am	07/28/2025

Volatile Organics, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	**Acrolein**	**1.14**	B	ug/L	0.447	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:19	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-3 20250725 **York Sample ID:** 25G1770-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:50 am	07/28/2025

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PMB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
127-18-4	**Tetrachloroethylene**	**31.2**		ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
79-01-6	**Trichloroethylene**	**0.580**		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:19 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PMB

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-3 20250725 **York Sample ID:** 25G1770-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:50 am	07/28/2025

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*	*94.6 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*			*79-122*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**60.8**		mg/L	0.556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**2.01**		mg/L	0.0278	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**292**	M-BS	mg/L	0.556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**0.0678**		mg/L	0.00556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**0.108**		mg/L	0.00444	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**0.216**		mg/L	0.0222	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**150**		mg/L	2.78	10	EPA 6010D	07/30/2025 08:08	07/31/2025 17:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**0.157**		mg/L	0.00667	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**67.4**		mg/L	0.0667	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**8.89**		mg/L	0.00556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**0.145**		mg/L	0.0111	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**9.08**	M-BS	mg/L	1.11	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND	M-BS	mg/L	0.00667	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.1**		mg/L	1.11	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	**Vanadium**	**0.0729**		mg/L	0.0111	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**0.365**		mg/L	0.0278	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-3 20250725 **York Sample ID:** 25G1770-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 10:50 am	07/28/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**0.0195**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.00133**		mg/L	0.000333	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	*** Selenium**	**0.00445**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:52	cw
							Certifications:	CTDOH-PH-0723		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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	07/31/2025 08:07	07/31/2025 08:07	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108		

Sample Information

Client Sample ID: MW-4 20250725 **York Sample ID:** 25G1770-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 11:15 am	07/28/2025

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	0.216	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4 20250725 **York Sample ID:** 25G1770-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 11:15 am	07/28/2025

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
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	**Acrolein**	**1.01**	B	ug/L	0.447	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	07/31/2025 10:14	07/31/2025 18:47	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-4 20250725 **York Sample ID:** 25G1770-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 11:15 am	07/28/2025

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
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**0.620**		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-4 20250725 **York Sample ID:** 25G1770-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 11:15 am	07/28/2025

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
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**136**	QL-02	ug/L	2.39	5.00	10	EPA 8260D Certifications:	08/01/2025 07:56	08/01/2025 13:56	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	**Trichloroethylene**	**0.450**	J	ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/31/2025 10:14	07/31/2025 18:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Sample Information

Client Sample ID: MW-4 20250725 **York Sample ID:** 25G1770-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 11:15 am	07/28/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**26.2**		mg/L	0.556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.274**		mg/L	0.0278	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**101**	M-BS	mg/L	0.556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**0.0333**		mg/L	0.00556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**0.0428**		mg/L	0.00444	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**0.0882**		mg/L	0.0222	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**51.7**		mg/L	0.278	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**0.0842**		mg/L	0.00667	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**24.7**		mg/L	0.0667	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**4.12**		mg/L	0.00556	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**0.0638**		mg/L	0.0111	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**5.33**	M-BS	mg/L	1.11	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND	M-BS	mg/L	0.00667	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**198**		mg/L	1.11	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	**Vanadium**	**0.0338**		mg/L	0.0111	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**0.169**		mg/L	0.0278	1	EPA 6010D	07/30/2025 08:08	07/31/2025 16:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**0.0177**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.000682**		mg/L	0.000333	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-4 20250725 **York Sample ID:** 25G1770-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G1770	20240228-0006	Ground Water	July 25, 2025 11:15 am	07/28/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	*** Selenium**	**0.00340**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:55	cw
							Certifications:	CTDOH-PH-0723		
7440-28-0	**Thallium**	**0.00192**		mg/L	0.00111	1	EPA 6020B	07/29/2025 09:45	07/30/2025 20:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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	07/31/2025 08:07	07/31/2025 08:07	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108		

Analytical Batch Summary

Batch ID: BG52018 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
25G1770-01	MW-1 20250725	07/29/25
25G1770-02	MW-2 20250725	07/29/25
25G1770-03	MW-3 20250725	07/29/25
25G1770-04	MW-4 20250725	07/29/25
BG52018-BLK1	Blank	07/29/25
BG52018-BS1	LCS	07/29/25

Batch ID: BG52117 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25G1770-03	MW-3 20250725	07/30/25
25G1770-03RE1	MW-3 20250725	07/30/25
25G1770-04	MW-4 20250725	07/30/25
BG52117-BLK1	Blank	07/30/25
BG52117-BS1	LCS	07/30/25

Batch ID: BG52202 **Preparation Method:** EPA 3015A **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25G1770-01	MW-1 20250725	07/30/25
25G1770-02	MW-2 20250725	07/30/25
BG52202-BLK1	Blank	07/30/25
BG52202-BS1	LCS	07/30/25

Batch ID: BG52248 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25G1770-01	MW-1 20250725	07/31/25
25G1770-02	MW-2 20250725	07/31/25
25G1770-03	MW-3 20250725	07/31/25
25G1770-04	MW-4 20250725	07/31/25
BG52248-BLK1	Blank	07/31/25
BG52248-BLK2	Blank	07/31/25
BG52248-BS1	LCS	07/31/25
BG52248-BS2	LCS	07/31/25

Batch ID: BG52272 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G1770-01	MW-1 20250725	07/31/25
25G1770-02	MW-2 20250725	07/31/25
25G1770-03	MW-3 20250725	07/31/25
25G1770-04	MW-4 20250725	07/31/25

BG52272-BLK1	Blank	07/31/25
BG52272-BS1	LCS	07/31/25
BG52272-BSD1	LCS Dup	07/31/25

Batch ID: BH50060 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G1770-04RE1	MW-4 20250725	08/01/25
BH50060-BLK1	Blank	08/01/25
BH50060-BS1	LCS	08/01/25
BH50060-BSD1	LCS Dup	08/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52272 - EPA 5030B											
Blank (BG52272-BLK1)											Prepared & Analyzed: 07/31/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	0.560	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.290	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52272 - EPA 5030B											
Blank (BG52272-BLK1)								Prepared & Analyzed: 07/31/2025			
Methylene chloride	ND	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BG52272-BS1)								Prepared & Analyzed: 07/31/2025			
1,1,1,2-Tetrachloroethane	9.18		ug/L	10.0		91.8	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.19		"	10.0		91.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165				
1,1,2-Trichloroethane	9.22		"	10.0		92.2	82-123				
1,1-Dichloroethane	9.95		"	10.0		99.5	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	8.66		"	10.0		86.6	76-136				
1,2,3-Trichloropropane	8.81		"	10.0		88.1	77-128				
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	8.41		"	10.0		84.1	45-147				
1,2-Dibromoethane	9.33		"	10.0		93.3	83-124				
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123				
1,2-Dichloroethane	9.43		"	10.0		94.3	73-132				
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	9.67		"	10.0		96.7	86-122				
1,3-Dichloropropane	9.07		"	10.0		90.7	81-125				
1,4-Dichlorobenzene	9.73		"	10.0		97.3	85-124				
2-Butanone	9.07		"	10.0		90.7	49-152				
2-Hexanone	8.87		"	10.0		88.7	51-146				
4-Methyl-2-pentanone	8.90		"	10.0		89.0	57-145				
Acetone	16.6		"	10.0		166	14-150	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52272 - EPA 5030B											
LCS (BG52272-BS1)								Prepared & Analyzed: 07/31/2025			
Acrolein	8.99		ug/L	10.0		89.9	10-153				
Acrylonitrile	8.09		"	10.0		80.9	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	9.14		"	10.0		91.4	79-128				
Bromoform	8.09		"	10.0		80.9	78-133				
Bromomethane	8.78		"	10.0		87.8	43-168				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	9.63		"	10.0		96.3	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	9.74		"	10.0		97.4	82-128				
Chloromethane	9.07		"	10.0		90.7	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	10.8		"	10.0		108	63-149				
Dibromochloromethane	9.06		"	10.0		90.6	80-130				
Dibromomethane	9.16		"	10.0		91.6	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	9.72		"	10.0		97.2	80-131				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl acetate	9.73		"	10.0		97.3	51-139				
Methyl tert-butyl ether (MTBE)	8.09		"	10.0		80.9	76-135				
Methylcyclohexane	10.1		"	10.0		101	72-143				
Methylene chloride	8.97		"	10.0		89.7	55-137				
Naphthalene	7.97		"	10.0		79.7	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	10.0		"	10.0		100	78-133				
o-Xylene	9.79		"	10.0		97.9	78-130				
p- & m- Xylenes	19.5		"	20.0		97.5	77-133				
p-Diethylbenzene	10.7		"	10.0		107	84-134				
p-Ethyltoluene	10.0		"	10.0		100	88-129				
p-Isopropyltoluene	10.4		"	10.0		104	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.32		"	10.0		93.2	67-132				
tert-Butyl alcohol (TBA)	39.7		"	50.0		79.5	25-162				
tert-Butylbenzene	9.90		"	10.0		99.0	77-138				
Tetrachloroethylene	8.60		"	10.0		86.0	82-131				
Toluene	9.69		"	10.0		96.9	80-127				
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	80-132				
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131				
Trichloroethylene	9.28		"	10.0		92.8	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	10.6		"	10.0		106	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.42*		*"*	*10.0*		*94.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52272 - EPA 5030B											
LCS Dup (BG52272-BSD1)							Prepared & Analyzed: 07/31/2025				
1,1,1,2-Tetrachloroethane	9.44		ug/L	10.0		94.4	82-126		2.79	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		0.294	30	
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129		4.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165		4.03	30	
1,1,2-Trichloroethane	9.48		"	10.0		94.8	82-123		2.78	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		0.501	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		4.88	30	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136		15.9	30	
1,2,3-Trichloropropane	9.19		"	10.0		91.9	77-128		4.22	30	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137		7.43	30	
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	82-132		1.79	30	
1,2-Dibromo-3-chloropropane	9.06		"	10.0		90.6	45-147		7.44	30	
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124		2.96	30	
1,2-Dichlorobenzene	9.61		"	10.0		96.1	79-123		1.47	30	
1,2-Dichloroethane	9.72		"	10.0		97.2	73-132		3.03	30	
1,2-Dichloropropane	9.95		"	10.0		99.5	78-126		1.42	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		5.13	30	
1,3-Dichlorobenzene	9.72		"	10.0		97.2	86-122		0.516	30	
1,3-Dichloropropane	9.62		"	10.0		96.2	81-125		5.89	30	
1,4-Dichlorobenzene	9.79		"	10.0		97.9	85-124		0.615	30	
2-Butanone	9.54		"	10.0		95.4	49-152		5.05	30	
2-Hexanone	9.67		"	10.0		96.7	51-146		8.63	30	
4-Methyl-2-pentanone	9.76		"	10.0		97.6	57-145		9.22	30	
Acetone	16.8		"	10.0		168	14-150	High Bias	1.31	30	
Acrolein	8.45		"	10.0		84.5	10-153		6.19	30	
Acrylonitrile	8.30		"	10.0		83.0	51-150		2.56	30	
Benzene	10.4		"	10.0		104	85-126		1.06	30	
Bromochloromethane	11.1		"	10.0		111	77-128		3.30	30	
Bromodichloromethane	9.29		"	10.0		92.9	79-128		1.63	30	
Bromoform	8.68		"	10.0		86.8	78-133		7.04	30	
Bromomethane	9.12		"	10.0		91.2	43-168		3.80	30	
Carbon disulfide	9.75		"	10.0		97.5	68-146		4.02	30	
Carbon tetrachloride	9.99		"	10.0		99.9	77-141		0.996	30	
Chlorobenzene	9.60		"	10.0		96.0	88-120		0.312	30	
Chloroethane	10.5		"	10.0		105	65-136		1.23	30	
Chloroform	9.89		"	10.0		98.9	82-128		1.53	30	
Chloromethane	9.27		"	10.0		92.7	43-155		2.18	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129		1.20	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		2.47	30	
Cyclohexane	10.8		"	10.0		108	63-149		0.0928	30	
Dibromochloromethane	9.43		"	10.0		94.3	80-130		4.00	30	
Dibromomethane	9.49		"	10.0		94.9	72-134		3.54	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		0.187	30	
Ethyl Benzene	9.73		"	10.0		97.3	80-131		0.103	30	
Hexachlorobutadiene	11.0		"	10.0		110	67-146		1.56	30	
Isopropylbenzene	9.73		"	10.0		97.3	76-140		3.04	30	
Methyl acetate	10.7		"	10.0		107	51-139		9.78	30	
Methyl tert-butyl ether (MTBE)	9.21		"	10.0		92.1	76-135		12.9	30	
Methylcyclohexane	10.1		"	10.0		101	72-143		0.594	30	
Methylene chloride	9.41		"	10.0		94.1	55-137		4.79	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52272 - EPA 5030B											
LCS Dup (BG52272-BSD1)								Prepared & Analyzed: 07/31/2025			
Naphthalene	9.14		ug/L	10.0		91.4	70-147		13.7	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		2.00	30	
n-Propylbenzene	9.78		"	10.0		97.8	78-133		2.22	30	
o-Xylene	9.89		"	10.0		98.9	78-130		1.02	30	
p- & m- Xylenes	19.5		"	20.0		97.7	77-133		0.205	30	
p-Diethylbenzene	10.4		"	10.0		104	84-134		2.93	30	
p-Ethyltoluene	9.92		"	10.0		99.2	88-129		1.10	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		1.84	30	
sec-Butylbenzene	9.84		"	10.0		98.4	79-137		3.10	30	
Styrene	9.43		"	10.0		94.3	67-132		1.17	30	
tert-Butyl alcohol (TBA)	46.0		"	50.0		91.9	25-162		14.6	30	
tert-Butylbenzene	9.68		"	10.0		96.8	77-138		2.25	30	
Tetrachloroethylene	8.50		"	10.0		85.0	82-131		1.17	30	
Toluene	9.70		"	10.0		97.0	80-127		0.103	30	
trans-1,2-Dichloroethylene	9.86		"	10.0		98.6	80-132		6.38	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		5.23	30	
Trichloroethylene	9.27		"	10.0		92.7	82-128		0.108	30	
Trichlorofluoromethane	10.4		"	10.0		104	67-139		0.287	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		1.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BH50060 - EPA 5030B											
Blank (BH50060-BLK1)								Prepared & Analyzed: 08/01/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50060 - EPA 5030B											
Blank (BH50060-BLK1)											Prepared & Analyzed: 08/01/2025
Acrylonitrile	ND	0.500	ug/L								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.330	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.790	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50060 - EPA 5030B											
LCS (BH50060-BS1)								Prepared & Analyzed: 08/01/2025			
1,1,1,2-Tetrachloroethane	9.28		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	9.75		"	10.0		97.5	78-136				
1,1,2,2-Tetrachloroethane	9.05		"	10.0		90.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	9.13		"	10.0		91.3	82-123				
1,1-Dichloroethane	11.2		"	10.0		112	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	68-138				
1,2,3-Trichlorobenzene	8.26		"	10.0		82.6	76-136				
1,2,3-Trichloropropane	8.92		"	10.0		89.2	77-128				
1,2,4-Trichlorobenzene	9.05		"	10.0		90.5	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	7.95		"	10.0		79.5	45-147				
1,2-Dibromoethane	9.11		"	10.0		91.1	83-124				
1,2-Dichlorobenzene	9.38		"	10.0		93.8	79-123				
1,2-Dichloroethane	8.99		"	10.0		89.9	73-132				
1,2-Dichloropropane	9.80		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	9.82		"	10.0		98.2	86-122				
1,3-Dichloropropane	9.02		"	10.0		90.2	81-125				
1,4-Dichlorobenzene	9.83		"	10.0		98.3	85-124				
2-Butanone	8.80		"	10.0		88.0	49-152				
2-Hexanone	8.23		"	10.0		82.3	51-146				
4-Methyl-2-pentanone	8.51		"	10.0		85.1	57-145				
Acetone	17.8		"	10.0		178	14-150	High Bias			
Acrolein	8.72		"	10.0		87.2	10-153				
Acrylonitrile	9.28		"	10.0		92.8	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.17		"	10.0		91.7	79-128				
Bromoform	7.72		"	10.0		77.2	78-133	Low Bias			
Bromomethane	6.63		"	10.0		66.3	43-168				
Carbon disulfide	9.96		"	10.0		99.6	68-146				
Carbon tetrachloride	9.51		"	10.0		95.1	77-141				
Chlorobenzene	9.55		"	10.0		95.5	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	9.49		"	10.0		94.9	82-128				
Chloromethane	6.50		"	10.0		65.0	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	9.87		"	10.0		98.7	80-131				
Cyclohexane	9.80		"	10.0		98.0	63-149				
Dibromochloromethane	8.84		"	10.0		88.4	80-130				
Dibromomethane	8.95		"	10.0		89.5	72-134				
Dichlorodifluoromethane	5.55		"	10.0		55.5	44-144				
Ethyl Benzene	9.73		"	10.0		97.3	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	10.3		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	8.77		"	10.0		87.7	76-135				
Methylcyclohexane	9.47		"	10.0		94.7	72-143				
Methylene chloride	10.8		"	10.0		108	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50060 - EPA 5030B											
LCS (BH50060-BS1)								Prepared & Analyzed: 08/01/2025			
Naphthalene	7.49		ug/L	10.0		74.9	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	10.2		"	10.0		102	78-133				
o-Xylene	9.86		"	10.0		98.6	78-130				
p- & m- Xylenes	19.5		"	20.0		97.7	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	10.2		"	10.0		102	88-129				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.27		"	10.0		92.7	67-132				
tert-Butyl alcohol (TBA)	38.9		"	50.0		77.7	25-162				
tert-Butylbenzene	10.1		"	10.0		101	77-138				
Tetrachloroethylene	8.46		"	10.0		84.6	82-131				
Toluene	9.77		"	10.0		97.7	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.21		"	10.0		92.1	78-131				
Trichloroethylene	9.49		"	10.0		94.9	82-128				
Trichlorofluoromethane	9.61		"	10.0		96.1	67-139				
Vinyl Chloride	8.77		"	10.0		87.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.07*		*"*	*10.0*		*90.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS Dup (BH50060-BSD1)								Prepared & Analyzed: 08/01/2025			
1,1,1,2-Tetrachloroethane	8.96		ug/L	10.0		89.6	82-126		3.51	30	
1,1,1-Trichloroethane	9.34		"	10.0		93.4	78-136		4.30	30	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	76-129		0.441	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.34		"	10.0		93.4	54-165		14.5	30	
1,1,2-Trichloroethane	8.97		"	10.0		89.7	82-123		1.77	30	
1,1-Dichloroethane	9.41		"	10.0		94.1	82-129		17.8	30	
1,1-Dichloroethylene	9.48		"	10.0		94.8	68-138		12.2	30	
1,2,3-Trichlorobenzene	9.07		"	10.0		90.7	76-136		9.35	30	
1,2,3-Trichloropropane	8.76		"	10.0		87.6	77-128		1.81	30	
1,2,4-Trichlorobenzene	9.22		"	10.0		92.2	76-137		1.86	30	
1,2,4-Trimethylbenzene	9.77		"	10.0		97.7	82-132		5.77	30	
1,2-Dibromo-3-chloropropane	7.96		"	10.0		79.6	45-147		0.126	30	
1,2-Dibromoethane	9.07		"	10.0		90.7	83-124		0.440	30	
1,2-Dichlorobenzene	9.19		"	10.0		91.9	79-123		2.05	30	
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132		1.55	30	
1,2-Dichloropropane	9.60		"	10.0		96.0	78-126		2.06	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		5.09	30	
1,3-Dichlorobenzene	9.40		"	10.0		94.0	86-122		4.37	30	
1,3-Dichloropropane	9.07		"	10.0		90.7	81-125		0.553	30	
1,4-Dichlorobenzene	9.39		"	10.0		93.9	85-124		4.58	30	
2-Butanone	8.84		"	10.0		88.4	49-152		0.454	30	
2-Hexanone	8.86		"	10.0		88.6	51-146		7.37	30	
4-Methyl-2-pentanone	8.84		"	10.0		88.4	57-145		3.80	30	
Acetone	16.9		"	10.0		169	14-150	High Bias	4.96	30	
Acrolein	8.15		"	10.0		81.5	10-153		6.76	30	
Acrylonitrile	8.53		"	10.0		85.3	51-150		8.42	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50060 - EPA 5030B											
LCS Dup (BH50060-BSD1)								Prepared & Analyzed: 08/01/2025			
Benzene	9.83		ug/L	10.0		98.3	85-126		2.61	30	
Bromochloromethane	10.4		"	10.0		104	77-128		1.46	30	
Bromodichloromethane	8.90		"	10.0		89.0	79-128		2.99	30	
Bromoform	8.15		"	10.0		81.5	78-133		5.42	30	
Bromomethane	6.74		"	10.0		67.4	43-168		1.65	30	
Carbon disulfide	9.09		"	10.0		90.9	68-146		9.13	30	
Carbon tetrachloride	9.25		"	10.0		92.5	77-141		2.77	30	
Chlorobenzene	9.34		"	10.0		93.4	88-120		2.22	30	
Chloroethane	8.79		"	10.0		87.9	65-136		15.3	30	
Chloroform	9.36		"	10.0		93.6	82-128		1.38	30	
Chloromethane	6.45		"	10.0		64.5	43-155		0.772	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		2.31	30	
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	80-131		0.712	30	
Cyclohexane	9.38		"	10.0		93.8	63-149		4.38	30	
Dibromochloromethane	8.85		"	10.0		88.5	80-130		0.113	30	
Dibromomethane	8.99		"	10.0		89.9	72-134		0.446	30	
Dichlorodifluoromethane	5.38		"	10.0		53.8	44-144		3.11	30	
Ethyl Benzene	9.35		"	10.0		93.5	80-131		3.98	30	
Hexachlorobutadiene	10.2		"	10.0		102	67-146		6.27	30	
Isopropylbenzene	9.53		"	10.0		95.3	76-140		6.50	30	
Methyl acetate	9.66		"	10.0		96.6	51-139		6.70	30	
Methyl tert-butyl ether (MTBE)	7.97		"	10.0		79.7	76-135		9.56	30	
Methylcyclohexane	9.03		"	10.0		90.3	72-143		4.76	30	
Methylene chloride	9.27		"	10.0		92.7	55-137		15.2	30	
Naphthalene	8.10		"	10.0		81.0	70-147		7.83	30	
n-Butylbenzene	10.0		"	10.0		100	79-132		6.20	30	
n-Propylbenzene	9.54		"	10.0		95.4	78-133		6.29	30	
o-Xylene	9.52		"	10.0		95.2	78-130		3.51	30	
p- & m- Xylenes	18.8		"	20.0		94.0	77-133		3.86	30	
p-Diethylbenzene	10.1		"	10.0		101	84-134		6.41	30	
p-Ethyltoluene	9.51		"	10.0		95.1	88-129		7.00	30	
p-Isopropyltoluene	9.94		"	10.0		99.4	81-136		6.90	30	
sec-Butylbenzene	9.64		"	10.0		96.4	79-137		5.55	30	
Styrene	9.02		"	10.0		90.2	67-132		2.73	30	
tert-Butyl alcohol (TBA)	37.7		"	50.0		75.4	25-162		3.03	30	
tert-Butylbenzene	9.45		"	10.0		94.5	77-138		6.95	30	
Tetrachloroethylene	8.03		"	10.0		80.3	82-131	Low Bias	5.22	30	
Toluene	9.39		"	10.0		93.9	80-127		3.97	30	
trans-1,2-Dichloroethylene	9.23		"	10.0		92.3	80-132		13.8	30	
trans-1,3-Dichloropropylene	9.24		"	10.0		92.4	78-131		0.325	30	
Trichloroethylene	8.85		"	10.0		88.5	82-128		6.98	30	
Trichlorofluoromethane	8.23		"	10.0		82.3	67-139		15.5	30	
Vinyl Chloride	8.01		"	10.0		80.1	58-145		9.06	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.32*		*"*	*10.0*		*93.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52117 - EPA 3015A											
Blank (BG52117-BLK1)											
Prepared: 07/30/2025 Analyzed: 07/31/2025											
Aluminum	ND	0.556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00667	"								
Magnesium	ND	0.0667	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	1.11	"								
Silver	ND	0.00667	"								
Sodium	ND	1.11	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BG52117-BS1)											
Prepared: 07/30/2025 Analyzed: 07/31/2025											
Aluminum	1.69		ug/mL	2.00		84.7	80-120				
Barium	1.68		"	2.00		83.8	80-120				
Calcium	1.51		"	1.00		151	80-120	High Bias			
Chromium	0.167		"	0.200		83.4	80-120				
Cobalt	0.417		"	0.500		83.4	80-120				
Copper	0.218		"	0.250		87.2	80-120				
Iron	0.812		"	1.00		81.2	80-120				
Lead	0.493		"	0.500		98.6	80-120				
Magnesium	0.859		"	1.00		85.9	80-120				
Manganese	0.427		"	0.500		85.4	80-120				
Nickel	0.423		"	0.500		84.6	80-120				
Potassium	0.779		"	1.00		77.9	80-120	Low Bias			
Silver	0.0364		"	0.0500		72.8	80-120	Low Bias			
Sodium	0.957		"	1.00		95.7	80-120				
Vanadium	0.415		"	0.500		83.1	80-120				
Zinc	0.440		"	0.500		88.1	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52202 - EPA 3015A											
Blank (BG52202-BLK1)											Prepared: 07/30/2025 Analyzed: 08/04/2025
Aluminum	ND	0.556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00667	"								
Magnesium	ND	0.0667	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	1.11	"								
Silver	ND	0.00667	"								
Sodium	ND	1.11	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BG52202-BS1)											Prepared: 07/30/2025 Analyzed: 08/04/2025
Aluminum	2.24		ug/mL	2.00		112	80-120				
Barium	2.02		"	2.00		101	80-120				
Calcium	1.44		"	1.00		144	80-120	High Bias			
Chromium	0.201		"	0.200		100	80-120				
Cobalt	0.505		"	0.500		101	80-120				
Copper	0.256		"	0.250		102	80-120				
Iron	1.04		"	1.00		104	80-120				
Lead	0.514		"	0.500		103	80-120				
Magnesium	1.06		"	1.00		106	80-120				
Manganese	0.510		"	0.500		102	80-120				
Nickel	0.511		"	0.500		102	80-120				
Potassium	0.999		"	1.00		99.9	80-120				
Silver	0.0483		"	0.0500		96.6	80-120				
Sodium	1.14		"	1.00		114	80-120				
Vanadium	0.494		"	0.500		98.7	80-120				
Zinc	0.532		"	0.500		106	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52018 - EPA 3015A											
Blank (BG52018-BLK1)											Prepared: 07/29/2025 Analyzed: 07/31/2025
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BG52018-BS1)											Prepared: 07/29/2025 Analyzed: 07/30/2025
Antimony	48.9		ug/L	50.0		97.9	80-120				
Arsenic	50.1		"	50.0		100	80-120				
Beryllium	50.9		"	50.0		102	80-120				
Cadmium	49.7		"	50.0		99.3	80-120				
Selenium	49.8		"	50.0		99.6	80-120				
Thallium	46.1		"	50.0		92.2	80-120				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG52248 - EPA SW846-7470A											
Blank (BG52248-BLK1)								Prepared & Analyzed: 07/31/2025			
Mercury	ND	0.0002	mg/L								
Blank (BG52248-BLK2)								Prepared & Analyzed: 07/31/2025			
Mercury	ND	0.0002	mg/L								
LCS (BG52248-BS1)								Prepared & Analyzed: 07/31/2025			
Mercury	0.0019165	0.0002	mg/L	0.00200		95.8	80-120				
LCS (BG52248-BS2)								Prepared & Analyzed: 07/31/2025			
Mercury	0.0018618	0.0002	mg/L	0.00200		93.1	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G1770-01	MW-1 20250725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1770-02	MW-2 20250725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1770-03	MW-3 20250725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G1770-04	MW-4 20250725	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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 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: 25G1770

Page _____ of _____

Report To:	Invoice To:	YOUR Project Name / Number
Company: PVEDI	Company: Same	20240228-0006
Address: 48 Springside Ave Poughkeepsie, NY 12603	Address: Same	
Phone: (845) 454-2544	Phone: Same	PO Number: 20240228-0006
Contact: K. Atkins	Contact: T Alvarado	
E-mail: KAtkins@PVEDI-AE.com	E-mail: TAlvarado@PVEDI-AE.com	

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

Ken Atkins

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; CW groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY X; NJ; CT; PA; Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; 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): EQuIS (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

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs via USEPA 8260	TAL Metals via USEPA 6010+7473	Grab or Comp.
MW-1 20250725	7/25/25	1015	GW		3									X	X	G
MW-2 20250725	7/25/25	1035	GW		3									X	X	G
MW-3 20250725	7/25/25	1050	GW		3									X	X	G
MW-4 20250725	7/25/25	1115	GW		3									X	X	G

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVEDI	7/28/25 1455	1. Chris C	7-28-25 9:00	2. Chris C	7-28-25 14:10
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/28/25 14:10 / 1.6 Degrees C